

Khirbet el-Maqtir

2015 Excavation Report

Associates for Biblical Research

Submitted to the Staff Officer of the Civil Administration of Judea and Samaria



Scott Stripling, Director of Excavations

Special thanks to all Maqtir staff, especially Don McNeeley for his many hours of editing.

Contents

Introduction.....	1
Site Plan	1
Introduction and Objectives	2
Excavation Results.....	5
Square A17, 8-12 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor).....	5
Overview	5
A17 Loci Details	5
Objects for A17.....	6
Pottery Pails for A17.....	6
Photographs for A17	7
Squares A19 and AA19, 8-11 June (Steven Rudd, Square Supervisor)	7
Overview.....	7
Interpretations and recommendations	8
A19 Loci Details	9
Objects for A19.....	9
Pottery Pails for A19.....	10
Photographs for A19	10
AA19 Loci Details	10
Objects for AA19.....	10
Pottery Pails for AA19.....	10
Photographs for AA19	11
Square B17, 8-12 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor).....	11

Overview.....	11
B17 Loci Details	11
Objects for B17	13
Pottery Pails for B17.....	13
Photographs for B17	13
Square C16, 3-5 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor).....	13
Overview.....	13
C16 Loci Details	15
Objects for C16.....	15
Pottery Pails for C16.....	15
Photographs for C16	15
Square C17, 25 May–12 June (Bryant G. Wood, Square Supervisor).....	15
Overview.....	15
C17 Loci Details	21
Objects for C17.....	21
Pottery Pails for C17	24
Photographs for C17	24
Square N23, 8-11 June (Steven Rudd, Square Supervisor and Carlos Mora, Assistant Square Supervisor).....	25
Overview.....	26
Suggested time of construction of Walls 117 and 104.....	28
N23 Loci Details	29
Objects for N23.....	30
Pottery Pails for N23.....	30

Photographs for N23	31
Square 023, 25 May - 3 June 2015 (Steven Rudd, Square Supervisor and Carlos Mora, Assistant Supervisor).....	32
Overview.....	34
Interpretations	34
O23 Loci Details	35
Objects for O23.....	38
Pottery Pails for O23.....	40
Photographs for O23	42
Square 024, 25 May-12 June (Suzanne Lattimer, Square Supervisor and Andrew Kvasnica, Assistant Square Supervisor).....	42
Overview.....	42
O24 Loci Details	43
Objects for O24.....	47
Pottery Pails for O24.....	52
Photographs for O24:.....	53
Square P22 25 May–12 June (Brian Peterson Square Supervisor and Bill Simmons Assistant Square Supervisor).....	54
Overview.....	54
P22 Loci Details.....	55
Objects for P22	73
Pottery Pails for P22	75
Photographs for P22.....	77
Square Q10, 25-27 May (Boyd Seevers, Square Supervisor and Donald McNeeley, Assistant Square Supervisor).....	78
Overview.....	78

Q10 Loci Details	79
Objects for Q10.....	81
Pottery Pails for Q10.....	81
Photos for Q10.....	82
Square Q22, 8-12 June (Abigail Leavitt, Square Supervisor and Destry Jackson, Assistant Square Supervisor).....	82
Overview.....	83
Q22 Loci Details	83
Objects for Q22.....	84
Pottery Pails for Q22.....	85
Photographs for Q22.....	85
Interpretation and recommendations.....	86
Square Q24, 28 May – 5 June (Abigail Leavitt, Square Supervisor and Destry Jackson, Assistant Square Supervisor).....	86
Overview.....	86
Q24 Loci Details	86
Objects for Q24.....	89
Pottery Pails for Q24.....	90
Photographs for Q24.....	91
Interpretation and recommendations.....	91
Square R10, 28 May-10 June (Boyd Seevers, Square Supervisor and Donald McNeeley, Assistant Square Supervisor).....	91
Overview.....	91
R10 Loci Details	92
Objects for R10	95
R10 Pottery Pails.....	96

Photographs for R10.....	97
Square X22, 10–12 June (Mark Hassler, Square Supervisor).....	97
Overview.....	97
X22 Loci Details.....	98
Objects for X22.....	99
Pottery Pails for X22.....	99
Photographs for X22.....	99
Square X23, 25 May–12 June (Mark Hassler, Square Supervisor).....	100
X23 Loci Details.....	101
Objects for X23.....	104
Pottery Pails for X23.....	106
Photographs for X23.....	107
Square CAV 4 (under squares S22-23), 25-28 May (Abigail Leavitt, Square Supervisor and Destry Jackson, Assistant Square Supervisor).....	108
Overview.....	108
CAV 4 Loci Details.....	108
Objects for CAV 4.....	109
Pottery Pails for CAV 4.....	110
Photographs for CAV4.....	110
Appendix A: Object Listing.....	111
Appendix B: Kh. el-Maqatir 2015 Object Photos.....	127
Appendix C: Objects Not Photographed.....	145
Appendix D: Numismatic Preliminary Report.....	153
Appendix E - C1 (LH/ER) Wall Numbers.....	166
Appendix F: BA/IA Wall Numbers.....	172

Appendix G: Flint Assemblage.....	177
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Table of Figures

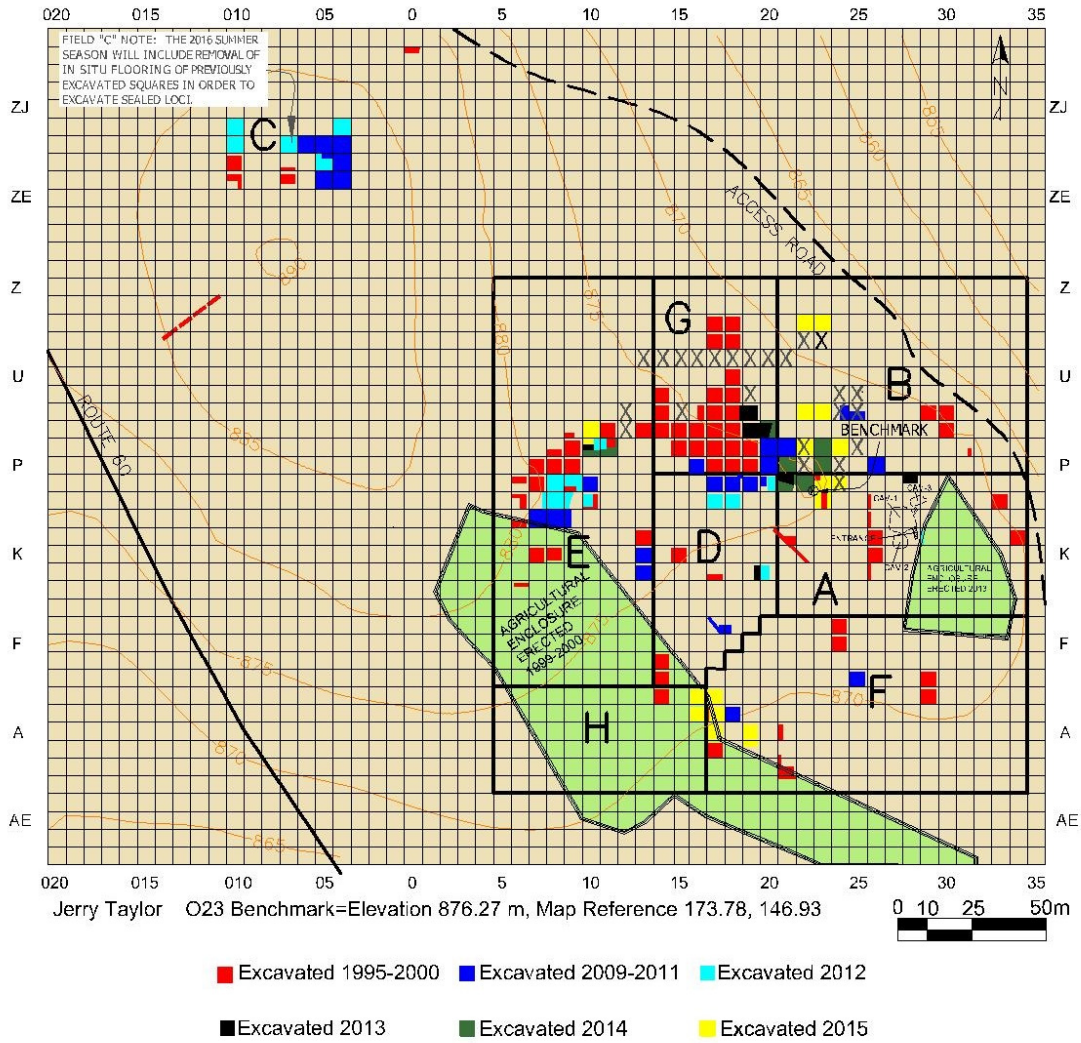
Figure 1: Excavated Remains Rendering as of Summer 2015.....	1
Figure 2: A17 - View from the NW (photo by Steven Rudd).....	5
Figure 3: A17 - View from the south (photo by Steven Rudd).....	6
Figure 4: AA19 Final Photo (photo by Steven Rudd).....	7
Figure 5: A19 Final Photo (photo by Steven Rudd).	7
Figure 6: Proposed Wall 56 in Square A19 (photo by Steven Rudd).	8
Figure 7: Proposed Wall 56 in Square AA19 (Steven Rudd).	9
Figure 8: View of Square B17 from the NW (photo by Steven Rudd).....	11
Figure 9: Section of Wall 56 in Square B17 (photo by Steven Rudd).....	12
Figure 10: Top plan for Square C16.	14
Figure 11: Stela (Object #572) in situ, 2009, view west; front and right side	16
Figure 12: SE faces of LH Wall 4 and MB III Wall 12 (photo by Michael C. Luddeni).	17
Figure 13: Aerial view of Square C17 at the end of the 2015 season, with the calcined limestones of L.10 just beginning to appear (photo by Barry Kramer).	18
Figure 14: Plan of the MB III-LB I fortress showing the location of Square C17.....	20
Figure 15: Final Square N23 photo (photo by Steven Rudd).....	25
Figure 16: Square N23 Silo; L.107 (photo by Steven Rudd).....	26
Figure 17: Top plan of proposed tri-caenaculum.	27
Figure 18: Square N23 Top Plan.....	28
Figure 19: Final photo of Square O23 (photo by Steven Rudd).	32
Figure 20: Square O23 Top Plan.....	33
Figure 21: Possible socket stone beside Wall 133 (photo by Steven Rudd).	34

Figure 22: Square O24 Final Photo (photo by Michael C. Luddeni).....	43
Figure 23: P22 Looking NW (photo by Michael Luddeni).....	56
Figure 24: P22 looking south (photo by Brian Peterson).....	57
Figure 25: P22 Looking SW (photo by Michael Luddeni).	58
Figure 26: P22 looking west (photo by Brian Peterson).	59
Figure 27: P22 looking North with Loci Walls 2, 8, and 20 (photo by Brian Peterson).....	60
Figure 28: P22 Roman-era wall Locus 2 built on tumble/fill (photo by Brian Peterson).	62
Figure 29: P22 Looking from West with Wall Locus 13 and terrace Wall 21 revealed (photo by Brian Peterson).	63
Figure 30: Locus 14 tumble below Locus 12 (photo by Brian Peterson).	64
Figure 31: P22 Locus 14 Showing an in situ sling stone (object #2281 at 873.24) and base to a jug in destruction phase L.14B and under the edge of the Iron Age wall (L.16) (photo by Brian Peterson).....	65
Figure 32: P22 Loci 11, 15, and monolithic stone (photo Brian Peterson).....	66
Figure 33: P22 East of Wall 111/L.2 looking north showing Iron Age wall, MB III/LB I floor, probe below floor, Roman-era Wall 111/L2, possible inner face of MB III/LB I wall (photo by Brian Peterson).	67
Figure 34: P22 Top Plan A.	69
Figure 35: P22 Elevation A Cutaway.	70
Figure 36: P22 Top Plan B.....	71
Figure 37: Top Plan C 2014.....	72
Figure 38: Square Q10 Final Photo (photo by Michael C. Luddeni).....	78
Figure 39: Q10 – Silo 26, side view (by Don McNeeley; scale 1:20).	80
Figure 40: Q10 Groupings of body sherds in situ (L.34) (photo by Michael C. Luddeni).	81
Figure 41: Q22 Final Photo (photo by Michael C. Luddeni).....	82
Figure 42: Q24 Final Photo (photo by Michael C. Luddeni).....	86
Figure 43: MB/LB and IA remains in P8-R11 (drawing by Leen Ritmeyer).	92

Figure 44: Three walls visible in R10 before removal of Wall 66 (by Don McNeeley; scale 1:50).	93
Figure 45: Profile of IA I Wall (L.4 = Wall 75), facing east (by Don McNeeley; scale 1:20).....	94
Figure 46: MB/LB (L.9 = Wall 56A) & IA I (L.4 = Wall 75).....	95
Figure 47: SE sector of X22 at the end of the 2015 season, view SW (photo by Michael C. Luddeni)....	98
Figure 48: X23 at the end of 2015 season, view SE (photo by Michael C. Luddeni).....	100
Figure 49: Top plan for X23 (by Mark Hassler).....	101
Figure 50: Two storage jars (photos by Mark Hassler).....	103
Figure 51: Square CAV 4 Final Photo (photo by Michael C. Luddeni).	108
Figure 52: Flint Plate #1	179
Figure 53: Flint Plate #2	181
Figure 54: Flint Plate #3	182

Introduction

Site Plan



X Proposed For Excavation Summer 2016

Kh. el-Maqtatir Excavation Areas, 1995-2000 and 2009-2015

Figure 1: Excavated Remains Rendering as of Summer 2015.

Introduction and Objectives

Two sessions of excavation were scheduled for Kh. el-Maqatir in Fields A, B, and E under the direction of Scott Stripling. The inclusive dates were 25 May to 12 June and 20-31 December. The second season was cancelled due to the emergent situation in the Israel. Both sessions were sponsored by the Associates for Biblical Research, Akron PA. Staff members were as follows:

Scott Stripling – The Bible Seminary, Director of Excavations

Bryant Wood - Associates for Biblical Research, Director Emeritus, Ceramic Typologist, and Square Supervisor

Leen Ritmeyer - Ritmeyer Archaeological Design, Architect

Orna Cohen - Cohen Conservation, Conservator

Yoav Farhi - Institute of Archaeology, The Hebrew University of Jerusalem, Numismatist

Peretz Reuven - The Hebrew University of Jerusalem, Ceramic Typologist

Henry Smith - Associates for Biblical Research, Administrative Director

Marina Faerman - Hebrew University, Anthropologist

Michael Luddeni - Associates for Biblical Research, Photographer

Brian Peterson - Lee University, Field Archaeologist and Square Supervisor

Suzanne Lattimer - Near East Archaeological Society, Field Archaeologist and Square Supervisor

Don McNeeley - Tidewater Bible College, Director of IT and Square Supervisor

Boyd SeEVERS - University of Northwestern, Saint Paul, Square Supervisor

Abigail Leavitt - Associates for Biblical Research, Objects Registrar and Square Supervisor

Sandy Souza – Associates for Biblical Research, Assistant Objects Registrar

Steven Rudd - Near East Archaeological Society, Square Supervisor

Mark Hassler - The Master's Seminary, Square Supervisor

Andrew Kvasnika – Assistant Square Supervisor and Medical Professional

Bill Simmons – Lee University, Assistant Square Supervisor

Carlos Mora – Adventist International Institute of Advanced Studies, Assistant Square Supervisor

Matthew Glassman – Yale University, Assistant Square Supervisor

Destry Jackson, Assistant Square Supervisor

Hannah Terry – Texas A&M University, Field Artist and Architect

Ellen Jackson - Wycliffe Bible Translators, Metal Detectorist

Roy Anderson - Surveyor

Yaakov Ehrlich - Surveyor

Walt Pasedag - Associates for Biblical Research, Surveyor

Louis Klauder - Pottery Registrar

Ann Klauder – Assistant Pottery Registrar

Avi Levy - Ben Gurion University, Flint Specialist

Sixty-two volunteers from the United States, Canada, Philippines, and Israel provided labor for the excavation. There were also nineteen volunteers for one day from the Israel Bible Extension (IBEX) and six volunteers for one day from Wycliffe Bible translators. In addition, four local workers from the adjacent village of Deir Dibwan were hired and two licensed security guards were employed. Thus, a total of 93 workers participated in 2015.

Excavation was carried out in 6 x 6 m squares; due to the nature of the heavy tumble, most balks were not preserved. The recording system was that of the Madaba Plains Project as set forth in *Excavation Manual, Madaba Plains Project*, by Larry G. Herr and Gary L. Christopherson, Berrien Springs MI: Andrews University Institute of Archaeology, 1998. Support for the excavation was provided by the staff of the Civil Administration of Judea and Samaria and included the following individuals: Hananya Hizme, Yoav Tzionet, Benny Har Aven, and Eyal Frieman.

Four primary occupational phases are present at the site: MB III/LB I fortress, IA I village, LH/ER town/city, and a Byzantine monastery. In the past two seasons, evidence has been recovered to indicate a squatter occupation in the IA II and Persian periods.

The objectives of the 2015 season were as follows:

1. Determine if the large domestic structure in the LH/ER city should be considered, according to Hirschfeld's classification system, as a "Complex House" or a "Courtyard House."
2. Determine if the large domestic structure in the LH/ER city was a single story or multi-story dwelling.
3. Excavate the LH/ER fortification tower to determine its function and date.
4. Excavate the large civic structure, between the house and the tower, to determine its function.
5. Determine the extent of the IA I occupation on the eastern and western sides of the site.
6. Locate additional pieces of the BA stela found in Square C-17 in 2009 and any features that could be associated with a cult installation (C17-18, D16-17).
7. Locate remnants of the northern BA fortification wall immediately west of the surviving BA gate chamber (S15).
8. Locate remnants of the proposed NE buttress of the BA gate (T19).

Excavation Results

Square A17, 8-12 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor)

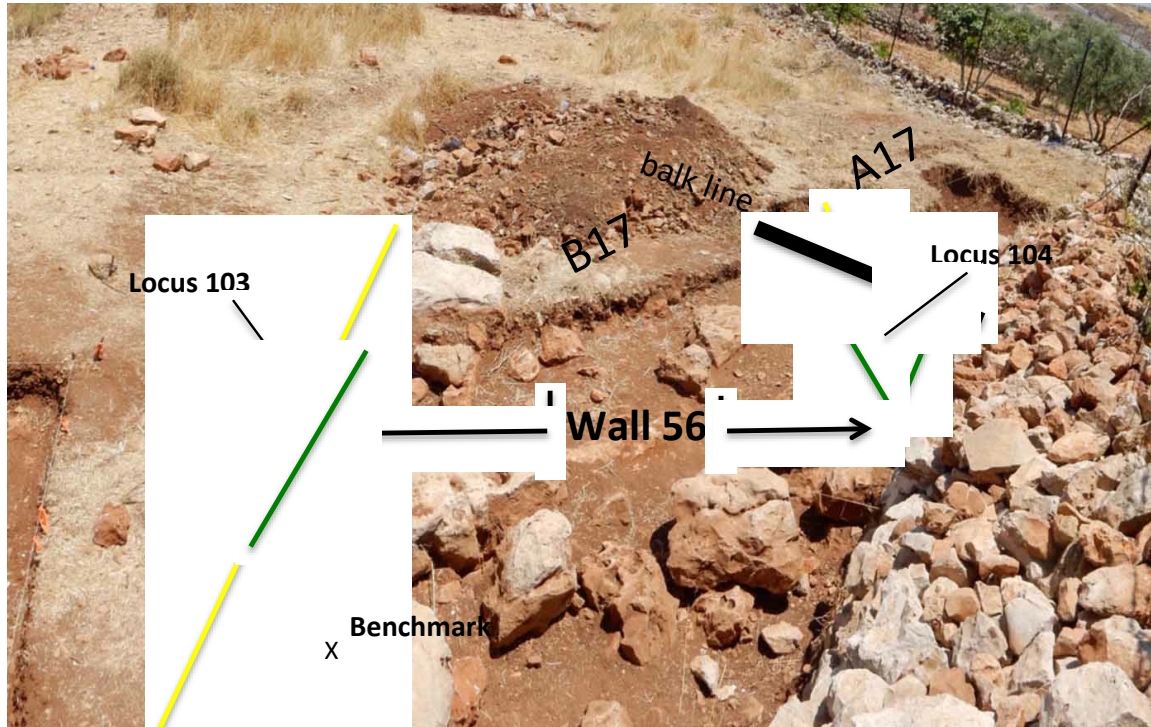


Figure 2: A17 - View from the NW (photo by Steven Rudd).

Overview

A17 was previously excavated by Bryant Wood in 1999. Approximately 7 sq m of the available digging area of the square (crosscut by the modern agricultural wall) was excavated, in an attempt to find the outer face of the fortress wall. The edge of a large stone (approximately 1.5 m by .75 m) was found in B17. It extended into A17. It was initially thought to be a foundation stone pertaining to Wall 56 (BA fortress wall), but upon further excavation was found to be disconnected from any other stones.

A17 Loci Details

- 1. Earth Locus - L.101** was composed of loose, crumbly surface soil. It also contained some cobbles. Relative to the adjacent square to the north, B17, A17 was bereft of larger cobbles beneath the surface. This is possibly indicative that the square was outside of the fortress wall (Wall 56). Two possible candidates for the outer fortress wall were ruled out in favor of the line of stones in B17.



Figure 3: A17 - View from the south (photo by Steven Rudd).

Objects for A17

Reg#	Description	Date	Locus	Pail
2419	Flint Core	12 June	101	103
2424	Flint Core	12 June	101	103
2427	Nail	12 June	101 (dump)	103
2454	Flint	12 June	101	103

Pottery Pails for A17

Pail	Date	Locus	Reading	Saved
101	10 June	101	1 MBIII/LBI	1
102	11 June	101	1 MBIII/LBI, 1 LH/ER	0
103	12 June	101	1 LH/ER	0

Photographs for A17

Number	File Name	Description
R-025	2015-06-12 R-025 B17	Squares A17 & B17
G-001	2015-06-12 G-001 A17	A17 Boulder

Squares A19 and AA19, 8-11 June (Steven Rudd, Square Supervisor)

Overview

A 1 x 6 m trench was excavated in squares A19 and AA19. The purpose was to discern if the surface rocks in A19 were part of the BA wall (Wall 56). The primary benchmark was 869.39 at location 23, on top of the highest rock of L.5 (Wall 56). The trench clarified a collection of stones in A19 at locations 17 and 23 and a single stone in AA19 at location 5. These stones were tentatively interpreted as being part of the same LB wall (Wall 56) that encircled the city in the BA. Past seasons revealed Wall 56 to be 4 m wide. The distance between the northern side of Wall 56 in square A19 to the southern side of Wall 56 in AA19 was 4.85 m (A19: 3.75m + AA19: 1.1 m). Fill inside the predicted BA wall did not appear to be present. Munsell color for both squares was consistently 7.5 YR 4/3, with variation depending on the moisture content or lighting. Bedrock was reached at locations 11, 29, and 35 in square A19.

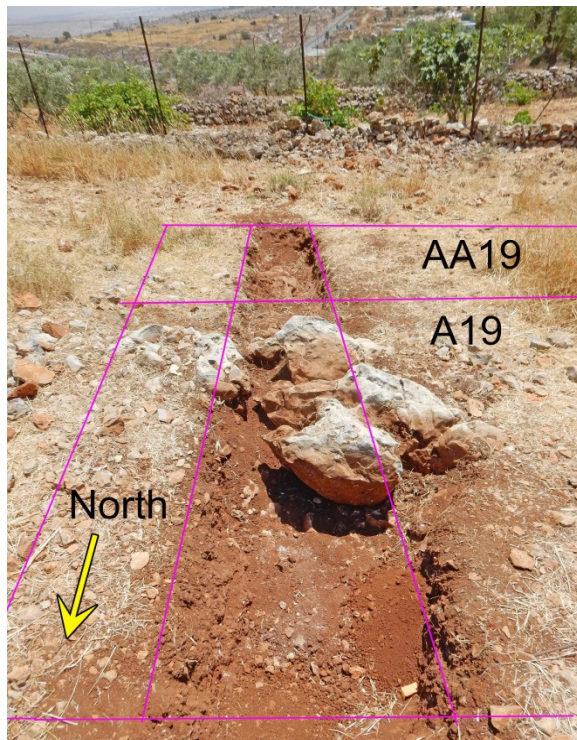


Figure 5: A19 Final Photo (photo by Steven Rudd).

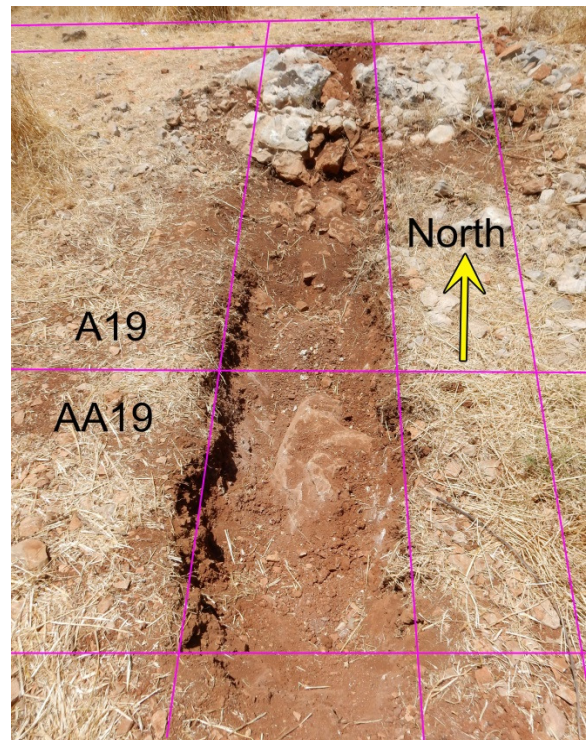


Figure 4: AA19 Final Photo (photo by Steven Rudd).

and in location 5 of square AA19 at a level of 868.05m.

Interpretations and recommendations:

The stones in A19 are in a clear line with other large surface stones to the east and west of the square. The large stones in A19 and AA19 are likely “ghost stones,” similar to those in the squares on either side of the BA gate. When later builders robbed the BA wall for stones, they apparently left behind the megaliths, which were too heavy to move.

Future excavation will be required to be more certain that the identification of L.5 is in fact a wall and part of Wall 56. The trench was too small to detect the presence of fill between the inner and outer surface of the wall. Problematically, if the boulder in AA19 was part of the southern face of the wall, it would be 4.85 m. This is .85 m wider than anticipated. This may mean that the boulder in AA19 was either not part of the wall, or it was tumble from the wall. The 2015 trench cut across the wall perpendicularly N/S. A new 2 m wide E/W trench in A19 that follows the line of the assumed wall would be helpful; the trench could be widened into AA19 to capture the full width of the wall.

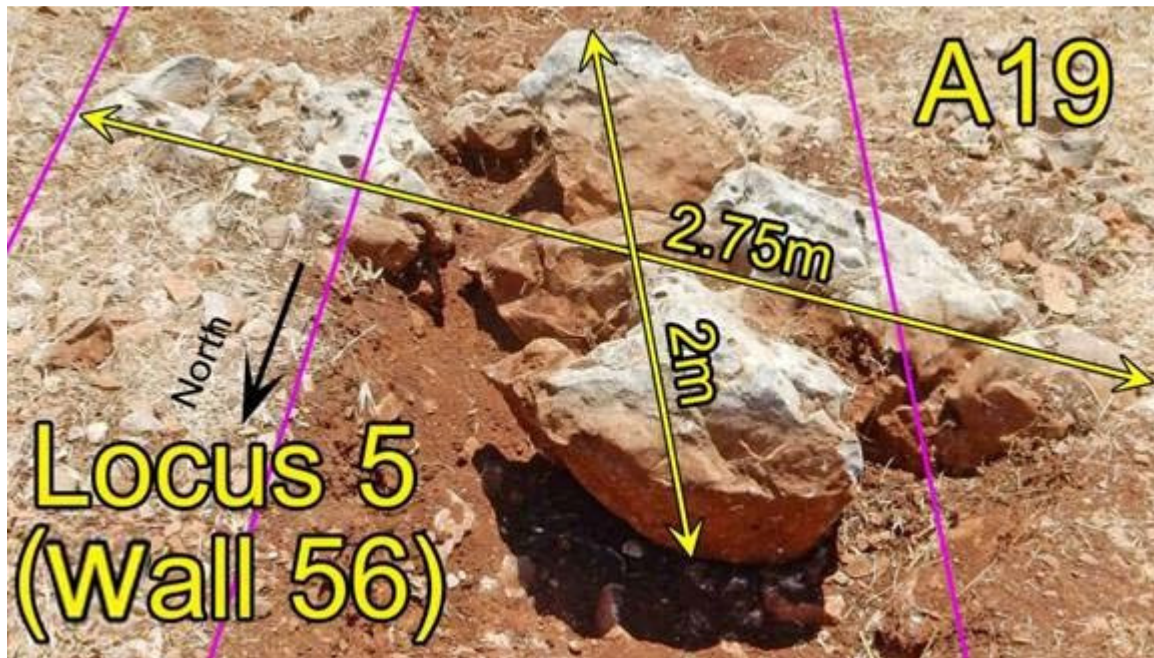


Figure 6: Proposed Wall 56 in Square A19 (photo by Steven Rudd).

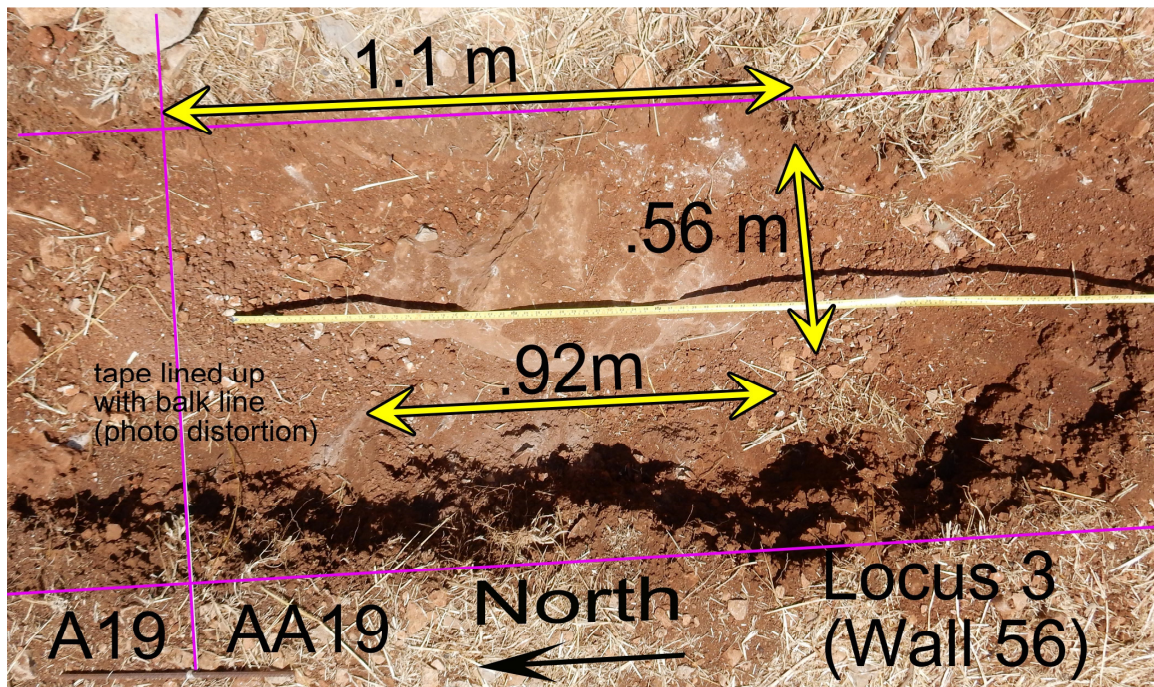


Figure 7: Proposed Wall 56 in Square AA19 (Steven Rudd).

A19 Loci Details

1. **Earth Locus** - This was surface soil at location 11 to top of L.2. Top elevation was 869.23, and bottom elevation was 868.89. The Munsell color was 7.5 YR 4/3.
2. **Earth Locus** - This was the soil in location 11 below L.1 down to bedrock. Top elevation was 868.89, and bottom elevation was 868.05. The Munsell color was 7.5 YR 4/3.
3. **Earth Locus** - This was the soil at locations 29 and 25 from the surface down through the plow zone to the top of L.4. Top elevation was 689.68, and bottom elevation was 868.33. The Munsell color was 7.5 YR 4/3.
4. **Earth Locus** - This was the soil at locations 29 and 25 below L.3 down to bedrock. Top elevation was 868.33, and bottom elevation was 868.05. The Munsell color was 7.5 YR 4/3.
5. **Architectural Locus** - This was a collection of boulders at locations 17 and 23 that were investigated to determine if they were part of Wall 56.
6. **Installation Locus** - Bedrock was reached at 868.05m at locations 11, 29, and 35.

Objects for A19

Reg#	Description	Date	Locus	Pail
2250	Roman tack	8 June	1	1
2322	Debitage of flint pieces	10 June	3	3

Pottery Pails for A19

Pail	Date	Locus	Reading	Saved
1	8 June	1	1 LB1b	1
2	9 June	2	1 LB1b	0
3	10 June	3	No pottery or objects	0
4	10 June	4	1 LB1b 3 LH/ER	1

Photographs for A19

Number	File name	Description
R-013	2015-06-11 R13 A19.jpg	Wall L.5 (56)
R-014	2015-06-11 R14 A19.jpg	Wall L.5 (56)
R-015	2015-06-11 R15 A19.jpg	Closing A19

AA19 Loci Details

1. **Earth Locus** - This was the surface soil at location 5 to top of L.2. Top elevation was 868.67, and bottom elevation was 868.33. The Munsell color was 7.5 YR 4/3.
2. **Earth Locus** - This was the soil at location 5 below L.1 down to bedrock. Top elevation was 868.33, and bottom elevation was 868.05. The Munsell color was 7.5 YR 4/3.
3. **Architectural Locus** - This was a single boulder at location 5 that was investigated to determine if it was part of the Wall 56.
4. **Installation Locus** - Bedrock appeared at 868.05 at location 5.

Objects for AA19

Reg#	Description	Date	Locus	Pail
2337	Flint Tool	10 June	2	1
2408	Debitage Flints (not in hoard)	12 June	1	3
2421	Sling stone	12 June	1	3
2423	Flint Arrowhead	12 June	1	3
2428	Sling stone	12 June	2	4

Pottery Pails for AA19

Pail	Date	Locus	Reading	Saved
1	10 June	2	No pottery	0
2	11 June	2	1 MBIII/LBI U.D.	0
3	12 June	1	Body sherds only, no reading	0
4	12 June	2	No pottery	0

Photographs for AA19

Number	File name	Description
R-016	2015-06-11 R16 AA19.jpg	Closing AA19
R-017	2015-06-11 R17 AA19.jpg	Architectural L.3 (Wall 56)

Square B17, 8-12 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor)

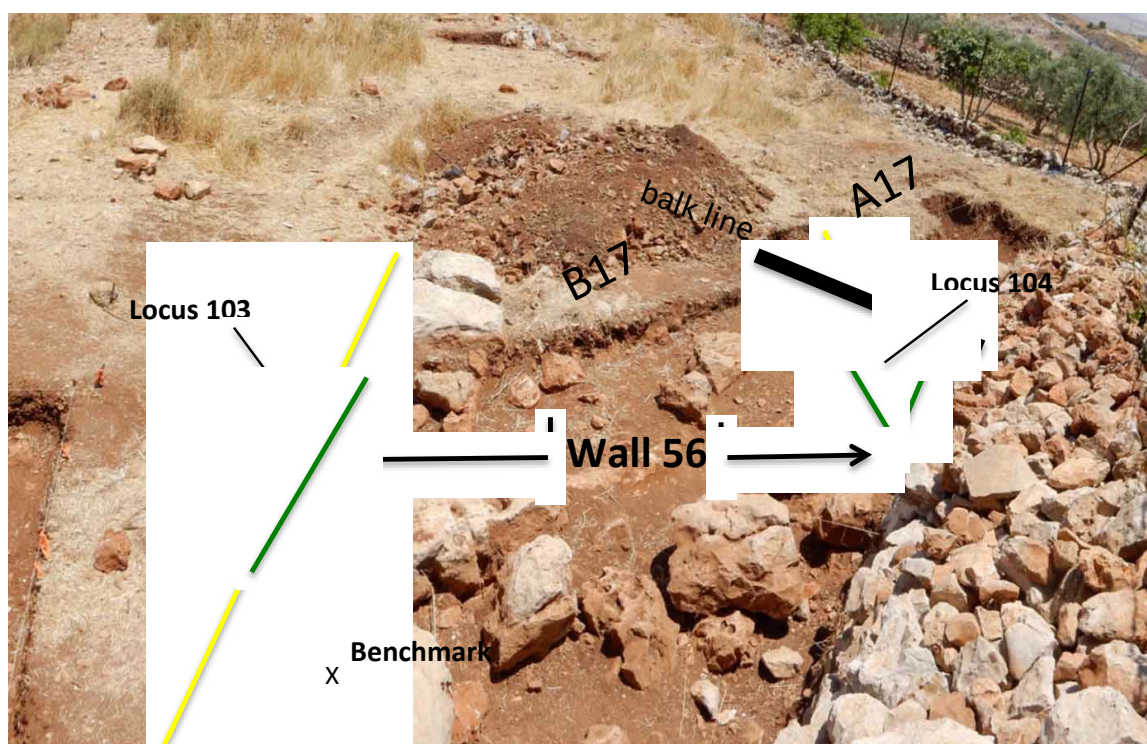


Figure 8: View of Square B17 from the NW (photo by Steven Rudd).

Overview

B17 was partially excavated by Bryant Wood in 1999. The square was re-opened during the 2015 season in order to expose the southern outer face of the fortress wall, and to ascertain its width. The balks were left unexcavated. Minimal pottery was found on what was believed to be the top of the fortress wall, but some flint cores and parts of flint instruments were found.

B17 Loci Details

101. Earth Locus - L.101 was composed of disturbed earth that was relatively compact and filled with pebbles and cobblestones. The remnants of large wall stones that would have constituted a portion of the inner face of the fortress wall were visible on the surface. A limestone spear point was discovered in this locus.

102. Architectural Locus - L.102 (Wall 56) was designated as such because it was filled with larger stones that may have been used as part of the fortress wall. The estimated width of the fortress wall (Wall 56) is ca. 4 m. It was constructed with boulder and chink technique and entirely dry-laid with no mortar.

103. Earth Locus - L.103 was the triangular area adjacent to the inner face of the fortress wall (Wall 56), and abutting each balk. It functioned essentially as a trench that exposed the inner face of the fortress wall. The soil was firm and gravelly, but mainly dry. The small area was generally sparse in terms of pottery, with no diagnostic pieces found therein.



Figure 9: Section of Wall 56 in Square B17 (photo by Steven Rudd).

104. Earth Locus - L.104 was another triangular trench locus designated as such due to a possible identification of the outer face of the fortress wall (Wall 56) in L.102. L.104 was a small locus, essentially functioning as a trench to further expose the outer fortress wall. The soil was tighter

packed and moist relative to the other loci within the square. Only one piece of pottery was found in the locus, which dissolved upon washing. The locus uncovered some chink and larger stones that could be interpreted as part of the outer fortress wall (Wall 56), and which stood in line with other large exposed surface stones east of the square that may also have been component to the outer wall (56). Beyond this, identification of the outer fortress wall was not completely clear. The line of stones uncovered in the locus was the best of several candidates for the outer wall (Wall 56) that was dug in squares B17 and A17.

Objects for B17

Reg #	Description	Date	Locus	Pail
2256	Flint Core	8 June	101	101
2284	Flint Core	9 June	101	102
2296	Spear Point	9 June	101	102

Pottery Pails for B17

Pail	Date	Locus	Reading	Saved
101	8 June	101	1 MBIII/LBI, 1 LH/ER	0
102	9 June	101	1 LB1b (refired), 8 LH/ER	6
103	10 June	103	n/a	0
104	10 June	104	1 dissolved at washing	0
105	12 June	102	2 LH/ER	0

Photographs for B17

Number	File Name	Description
R-025	2015-06-12 R-025 B17	Squares B17, A17
G-002	2015-06-12 G-002 B17	B17 Exterior Face
G-003	2015-06-12 G-003 B17	B17 Interior Face

Square C16, 3-5 June (Bryant Wood, Square Supervisor and Matthew D. Glassman, Assistant Square Supervisor)

Overview

Only a small portion of the square lies within the area available for excavation; the vast majority falls within the agricultural enclosure. Therefore, both the north and east balks of the square were excavated to their greatest extent possible. The objective for opening the square was to identify the northern face of a large internal wall (Wall 68).

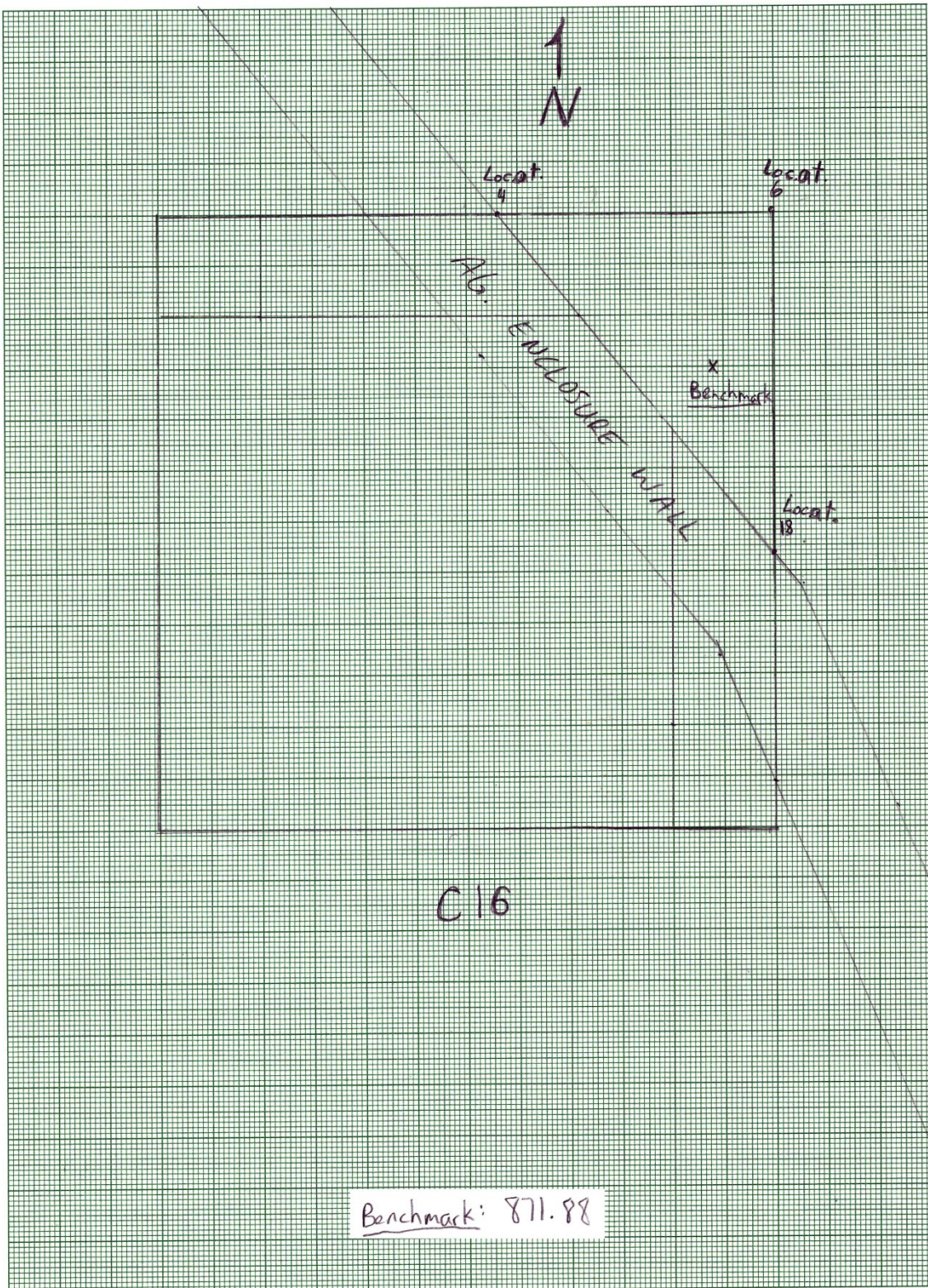


Figure 10: Top plan for Square C16.

C16 Loci Details

1. Earth Locus - L.1 was a mixture of beaten earth and cobblestones on the surface. The soil was firm and moist relative to the squares around it. Just under the surface, the soil became harder packed and was difficult to dig. The locus was generally bereft of pottery, with only 47 total sherds.

2. Architectural Locus - L.2 was designated as such because larger stones were uncovered underneath the upper earth layer. An attempt was made to uncover the juncture of an internal wall (Wall 68) with the fortress wall (Wall 56), but it could not be discerned in C16. The stones were entirely made up of limestone, ranging from cobble to medium boulder, all unhewn. While a pattern of boulder and chink was possible, ultimately no more than one course of large stone was discernible down to the point when excavation was suspended.

Objects for C16

None.

Pottery Pails for C16

Pail	Date	Locus	Reading	Saved
1	3 June	1	1 Iron I, 4 LH/ER	0
2	4 June	2	4 MBIII/LBI, 9 LH/ER, 2 LBIb (refired)	3
3	5 June	2	1 MBIII/LBI, 2 LBIb (refired), 5 LH/ER	2

Photographs for C16

None.

Square C17, 25 May–12 June (Bryant G. Wood, Square Supervisor)

Overview

Square C17 was partially excavated 26 May–2 June, 2009. The major discovery was a badly-weathered, partial, limestone Bronze Age stela 79 x 40 x 18 cm, Object 572, the largest Bronze Age stela yet found in the southern Levant. It was discovered in the west-central area of the square, embedded in a cobblestone matrix with the top of the broken left side protruding from the modern surface. The purpose of the 2015 excavation was to complete the excavation of the square to bedrock to clarify the context of the stela and possibly locate additional fragments.

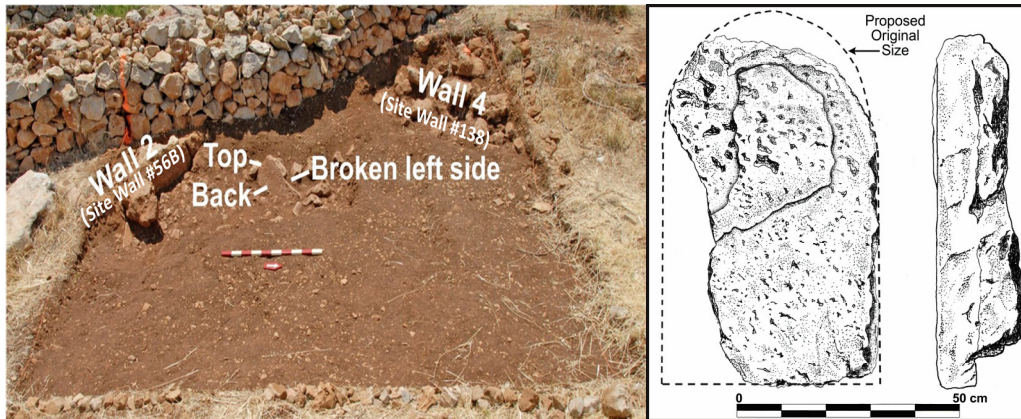


Figure 11: Stela (Object #572) in situ, 2009, view west; front and right side (photo by Michael C. Luddeni).

The square is located adjacent to the southern wall of the MB III-LB I fortress, ca. 24 m east of the north-south axis. A modern agricultural enclosure wall traverses the SW sector of the square. Evidence for two destructions was found—one at the end of the LB I period by fire and another in the LH-ER period by earthquake, possibly one of the severe earthquakes of 64 or 31 BC.

The earliest activity in Square C17 was the erection of the southern wall of the MB III-LB I fortress, Wall 2 (= site Wall 56B). The inner face is well defined by a megalith in the SW sector of the square and large stones in the NE corner of Square B17 to the south. At a right angle to Wall 2 is Wall 12 (= site Wall 68) in the NW corner of the square. The SE face of the wall is well defined. To the NW, the balk corner of Square C16 was excavated in an effort to locate the NW face of Wall 12. Although there were many stones, no clear wall face could be discerned. It is possible that Wall 12 is the southern end of Wall 13 in Square L21 (= site Wall 69), which is 2.5 m wide. Occupation from the fortress phase ended with an intense conflagration that produced a layer of calcined limestones, L.10. This layer was encountered at the very end of the season and was not excavated. The destruction, evidence of which has been found across the site, can be dated to the end of the LB I period based on a falcon-headed sphinx scarab discovered in 2013, and refired LB Ib pottery found throughout the site.

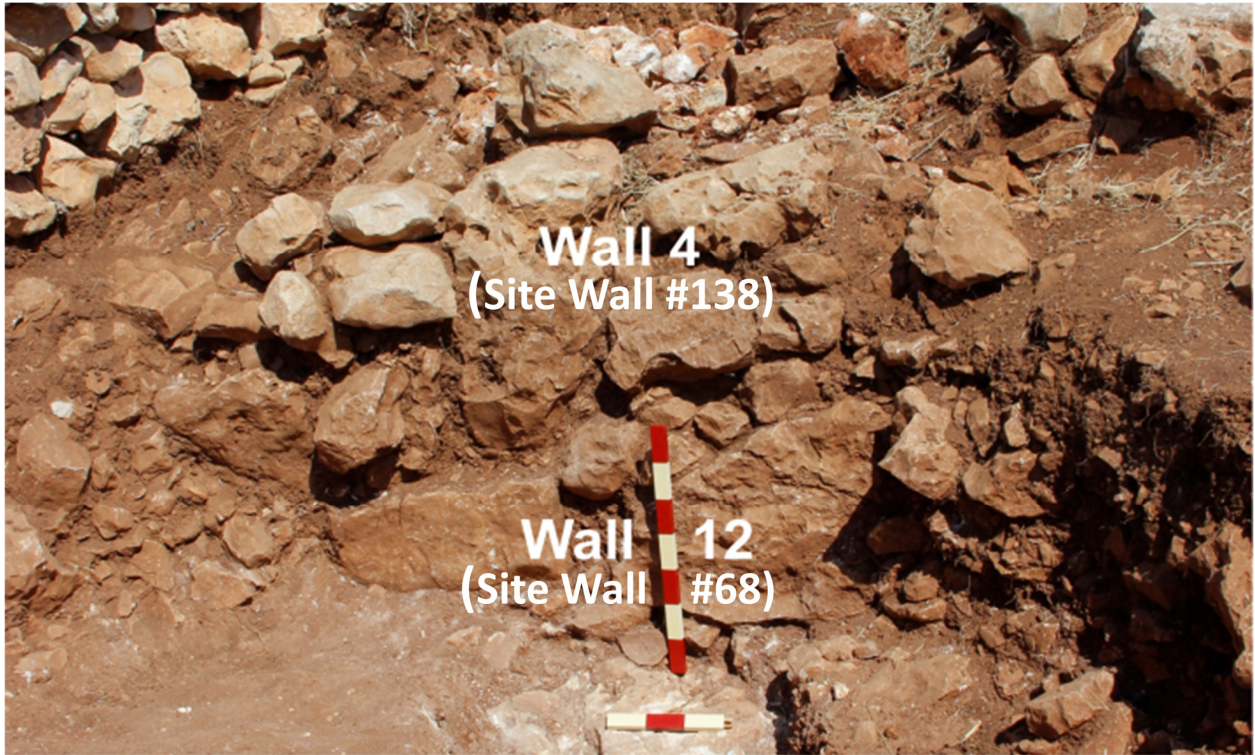
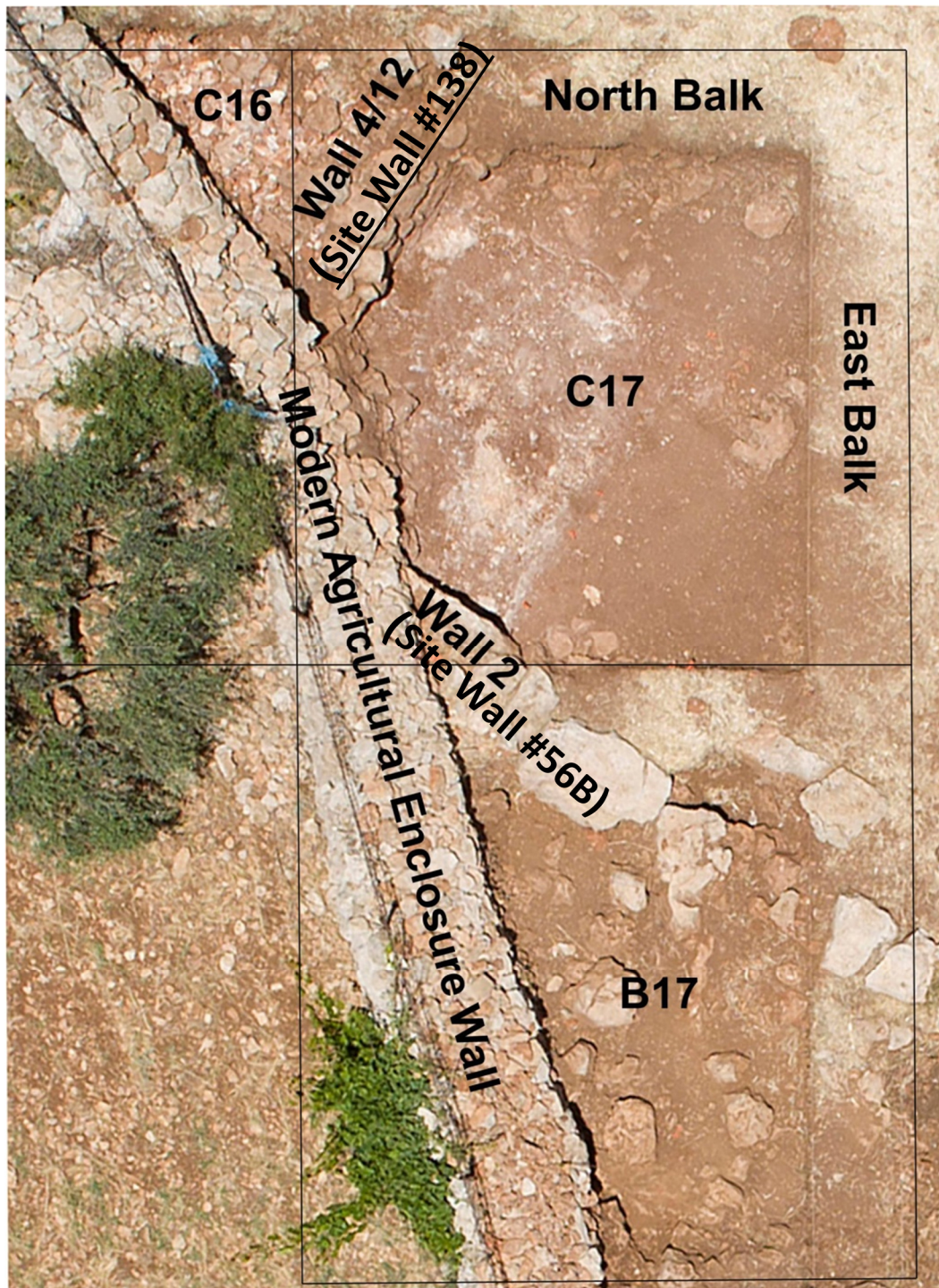


Figure 12: SE faces of LH Wall 4 and MB III Wall 12 (photo by Michael C. Luddeni).



B

Figure 13: Aerial view of Square C17 at the end of the 2015 season, with the calcined limestones of L.10 just beginning to appear (photo by Barry Kramer).

Following the LB I destruction, the area lay abandoned until the LH period. At this time, Wall 12 was rebuilt as Wall 4 (site Wall #138). The SE face of Wall 4 is well defined, but the NW face in Square C16 was disturbed and could not be defined. A similar rebuild was noted in Square L21, where MB III Wall 13 was rebuilt as Wall 3 in the LH period, 2.5 m wide. Wall 4 is possibly the

southern end of L21, Wall 3. The interim between the late LB I destruction and the LH period is marked by a hard-packed clay and cobble layer ca. 14 cm thick, LL. 8, 9, and 11. The 14 cm thickness belies the length of this period—from the end of the 15th century BC to the first century BC, nearly 14 centuries. This can be explained by the fact that this area was occupied in the LH period, evidenced not only by the finds in C17, but also by a granary and several walls from the LH period found nearby. When the LH occupants began using the area, they apparently cleaned down to the extremely hard-packed calcined limestone layer, L.10. The hard-packed clay and cobblestones of LL.8, 9, and 11 represents occupational material from the LH period, as indicated by four LH sherds and a coin dated to 80–37 BC.

LH occupation in C17 came to an abrupt end when an earthquake caused the collapse of Wall 4. The displaced stones, LL.6 and 7, fell to the SE. The tumble was confined to the 2.5 m SE of Wall 4, being visible in the north and west balks, but not reaching the east and south balks. This suggests that the top 2.5 m of Wall 4 collapsed. Since Wall 4 survives to a height of 1.5 m, including the height of preexisting MB III Wall 12, the total height at the time of the earthquake was at least $1.5 + 2.5 = 4.0$ m. It was likely considerably higher since the portion of the wall that survived the earthquake would have been extensively robbed to rebuild the town.

The LH wall collapse, LL.6 and 7, contained a large amount of flint, including tools, cores and debitage. Such an abundance of flint indicates that there was a flint workshop in Square C17, or the immediate vicinity. When Wall 4 was built, LB I destruction debris, including stones, mud brick detritus, MB III and LB I sherds, and flint, was used as fill.

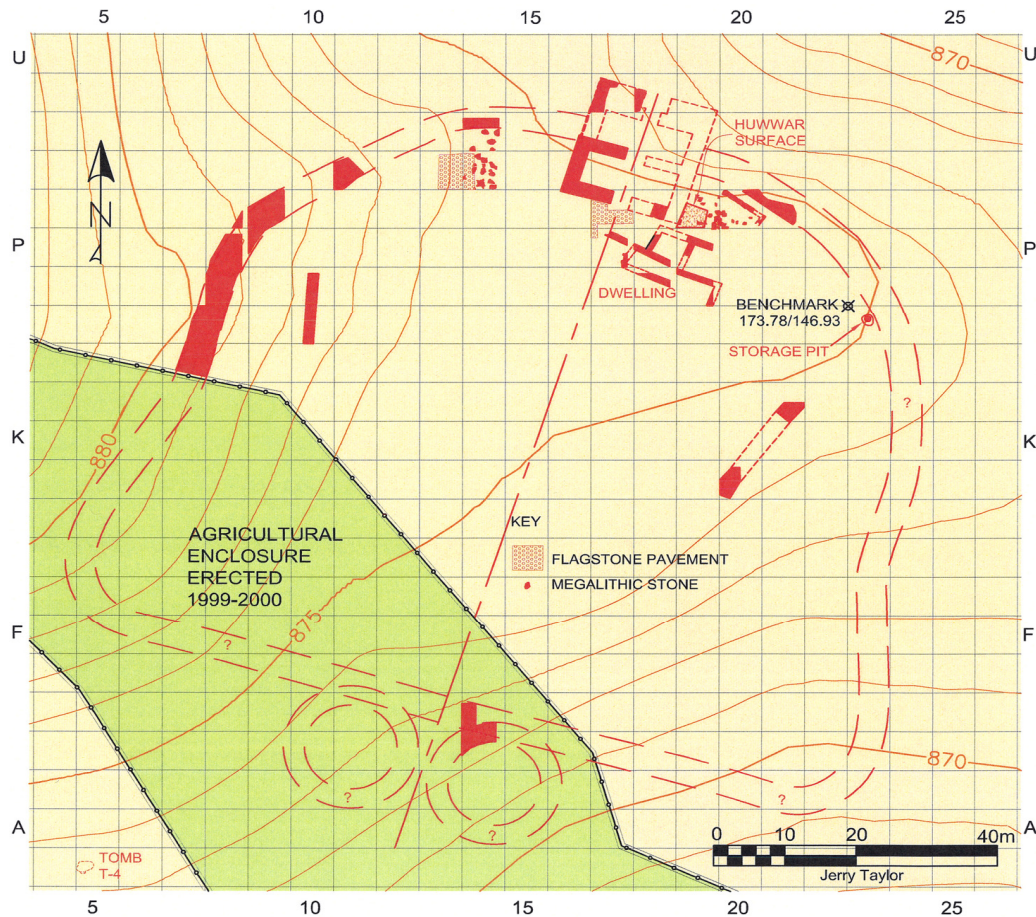


Figure 14: Plan of the MB III-LB I fortress showing the location of Square C17 24 m east of the conjectured southern entrance of the fortress.

Seven coins were recovered in Square C17, the details of which are presented in the table below. Based on coin #2116 found in the Wall 4 collapse, it can be concluded that Wall 4 was built after 80 BC.

Object No.	Locus	Date
1876	1, Mixed surface soil	129–80 BC
1896	1, Mixed surface soil	80–37 BC
2115	6, Wall 4 collapse	129–80 BC
2116	6, Wall 4 collapse	80–37 BC
2253	7, Wall 4 collapse	129–80 BC
2254	7, Wall 4 collapse	104–80 BC
2430	11, Occupation level	80–37 BC

It is clear from the find spot of the Stela (Obj. #572) that it was part of the LH Wall 4 collapse. It appears that it had been reused in the construction of Wall 4. Based on its proximity to the conjectured south entrance of the MB III-LB I fortress (ca. 25 m east), it might have originally

stood in a prominent location at the gate entryway. No additional fragments were found in the 2015 excavation.

C17 Loci Details

1. **Earth Locus** – Accumulated surface soil since the 2009 excavation, ca. 870.73 to 870.61 m.
2. **Architectural Locus** – Inner face of NE-SW MB III wall at the junction of the modern agricultural enclosure wall and the south balk.
4. **Architectural Locus** – NE-SW LH wall (Wall 138) in the NW corner of the square.
6. **Earth Locus** – Wall 4 collapse below 2015 surface soil, ca. 870.61 to 870.49 m.
7. **Earth Locus** – Wall 4 collapse below L.6, ca. 870.49 to 869.93 m.
8. **Earth Locus** – Hard-packed clay and cobble layer in a 1 m probe trench perpendicular to Wall 12, to the L.9 probe trench, ca. 869.95 to 869.81 m.
9. **Earth Locus** – Hard-packed clay and cobble layer in a 1 m probe trench perpendicular to Wall 2, ca. 869.91 to 869.77 m.
10. **Earth Locus** – Calcined limestone layer below LL8, 9, 11, unexcavated.
11. **Earth Locus** – Hard-packed clay and cobble layer outside of probe trenches 8 and 9, below ca. 869.93 m, partially excavated.
12. **Architectural Locus** – Inner face of NE-SW MB III wall (Wall 68) below LH Wall 4 in the NW corner of the square.

Objects for C17

Reg #	Date	Locus	Pail	Description
Unreg	29-May-15	1	15	Flint tool?
1853	28-May-15	1	14	Flint Object
1856	28-May-15	1	14	Flint Blade
1860	28-May-15	1	14	Flint Object
1871	29-May-15	1	15	Coin
1872	28-May-15	1	14	Flint Blade
1874	26-May-15	1	12	Musket Ball
1876	26-May-15	1	12	Coin
1877	28-May-15	1	14	Flint Points
1878	26-May-15	1	12	Bracelet
1883	29-May-15	1	15	Flint Points
1896	27-May-15	1	13	Coin
1897	27-May-15	1	13	Flint Point
1912	29-May-15	1	15	Flint Point
1918	28-May-15	1	14	Flint Object
1919	28-May-15	1	14	Flint Blade
1920	28-May-15	1	14	Flint Point
1921	28-May-15	1	14	Stone Tool?
1922	28-May-15	1	14	Flint Blade
1944	28-May-15	1	14	Flint tools

Reg #	Date	Locus	Pail	Description
1954	2-June-15	6	18	Flint Core
1964	29-May-15	6	16	Flint Point
1965	29-May-15	6	16	Flint Point
1966	29-May-15	1	15	Flint Core
1967	29-May-15	1	15	Flint Point
1968	29-May-15	1	15	Flint Point
1969	29-May-15	1	15	Flint Point
1970	29-May-15	1	15	Flint Tool?
1971	29-May-15	1	15	Flint Point
1972	29-May-15	1	15	Flint Point
1973	29-May-15	15	30	Flint Point
1982	29-May-15	1	15	Flint Point
1983	29-May-15	1	15	Flint Point
1984	29-May-15	1	15	Flint Point
1985	29-May-15	1	15	Flint Point
1986	29-May-15	1	15	Flint Point
1987	29-May-15	1	15	Flint Point
1988	29-May-15	1	15	Flint Point
1989	29-May-15	1	15	Flint Point
1990	29-May-15	1	15	Flint Point
1991	29-May-15	1	15	Flint Point
1992	29-May-15	1	15	Flint Point
2002	29-May-15	1	14	Flint Point
2004	1-June-15	6	17	Flint Point
2005	1-June-15	6	17	Flint Point
2006	1-June-15	6	17	Flint Point
2007	1-June-15	6	17	Flint Point
2008	1-June-15	6	17	Flint Point
2009	1-June-15	6	17	Flint Point
2010	1-June-15	6	17	Flint Point
2011	1-June-15	6	17	Flint Point
2012	1-June-15	6	17	Flint Point
2013	1-June-15	6	17	Flint Point
2014	1-June-15	6	17	Flint Point
2015	1-June-15	6	17	Flint Blade
2016	29-May-15	1	15	Flint Point
2017	1-June-15	6	17	Flint Blade
2018	1-June-15	6	17	Flint Tool
2025	2-June-15	6	18	Flint Core
2047	2-June-15	6	17	Flint Core
2050	2-June-15	6	18	Flint Point
2051	2-June-15	6	18	Flint Point

Reg #	Date	Locus	Pail	Description
2052	2-June-15	6	18	Flint Point
2053	2-June-15	6	18	Flint Point
2054	2-June-15	6	18	Flint Point
2055	2-June-15	6	18	Flint Point
2056	2-June-15	6	18	Flint Point
2057	2-June-15	6	18	Flint Point
2058	2-June-15	6	18	Flint Point
2059	2-June-15	6	18	Flint Point
2060	2-June-15	6	18	Flint Point
2061	2-June-15	6	18	Flint Point
2062	2-June-15	6	18	Flint Point
2063	2-June-15	6	18	Flint Point
2064	2-June-15	6	18	Flint Point
2065	2-June-15	6	18	Flint Point
2066	2-June-15	6	18	Flint Point
2067	2-June-15	6	18	Flint Point
2068	2-June-15	6	18	Flint Point
2069	2-June-15	6	18	Flint Scraper
2070	2-June-15	6	18	Flint Scraper
2071	2-June-15	6	18	Flint Scraper
2077	2-June-15	6	18	Flint Spear Point?
2113	3-June-15	6	19	Limestone Tool?
2114	3-June-15	6	19	Bead?
2115	3-June-15	6	19	Coin
2116	3-June-15	6	17 or 18	Coin
2118	3-June-15	6	19	Flint Tools and Points
2124	3-June-15	6	19	Flint Spear Point?
2190	5-June-15	7	23	Flint Spear Point
2191	5-June-15	7	22	Grinder
2192	5-June-15	7	22	Flint Spear Point?
2193	4-June-15	Surface Find		Flint Core
2194	5-June-15	7	22	Flint Core
2195	5-June-15	7	22	Flint Spear Point?
2196	4-June-15	6	20	Flint Core
2197	5-June-15	7	22	Flint Points and Tools
2198	4-June-15	7	21	Flint Debitage
2199	4-June-15	7	21	Flint Core
2207	4-June-15	6	20	Limestone Tool?
2240	8-June-15	7	23	Sling Stone
2252	8-June-15	7	23	Flint Core
2253	8-June-15	7	23	Coin
2254	8-June-15	7	23	Coin

Reg #	Date	Locus	Pail	Description
2255	8-June-15	7	23	Sandal Tack
2297	9-June-15	8	24	Flint Core
2298	9-June-15	8	24	Flint Tool
2300	9-June-15	8	24	Miscellaneous Flints
2301	9-June-15	7	23	Nail
2331	10-June-15	7	23	Flint Tools
2362	11-Jun-15	9	26	Miscellaneous Flints
2363	11-June-15	8	25	Miscellaneous Flints
2414	12-June-15	11	28	Miscellaneous Flints
2420	12-June-15	11	28	Stone Tool
2430	12-June-15	11	28	Coin

Pottery Pails for C17

Pail	Date	Locus	Reading	Saved
11	25 May	1	1 MB III/LB I, 1 LB IB refired, 2 LH/ER	0
12	26 May	1	1 MB III, 1 LB IB refired, 1 LH/ER	2
13	27 May	1	7 MB III/LB I, 1 Iron I	4
14	28 May	1	1 MB III, 1 MB III/LB I, 3 LB IB refired	1
15	29 May	1	1 MB III/LB I, 4 LB IB refired, 1 Iron I, 2 LH	1
16	29 May	6	2 MB III, 2 MB III/LB I, 5 LB IB refired, 1 LH	3
17	1 June	6	1 MB III, 2 LB IB refired	1
18	2 June	6	1 MB III, 4 MB III/LB I, 6 LB IB refired	3
19	3 June	6	12 MB III/LB I, 2 LB IB refired, 12 LH	8
20	4 June	6	5 MB III/B I	1
21	4 June	7	12 MB III/LB I, 1 LB IB refired, 1 LH	5
22	5 June	7	1 MB III, 1 MB III/LB I, 2 LB IB, 4 Iron I, 2 LH	2 (no pottery cards)
23	8 June	7	2 MB III/LB I, 1 LH	1
24	9 June	8	2 LB IB refired	1
25	10 June	8	1 LH	0
26	11 June	9	3 LH	0
27	12 June	9	No diagnostic sherds	0
28	12 June	11	1 MB III/LB I, 1 LB IB refired	2

Photographs for C17

Number	File name	Description
P-005	2015-05-29 P-005	Square, view west
R-10	2015-06-05 R-10	East half of square, view west
C-038	2015-06-12 C-038	SE faces of Walls 4 and 12
C-041	2015-06-12 C-041	Northeast face of Wall 2
P-023	2015-06-12 P-023	Square, view west

Square N23, 8-11 June (Steven Rudd, Square Supervisor and Carlos Mora, Assistant Square Supervisor)

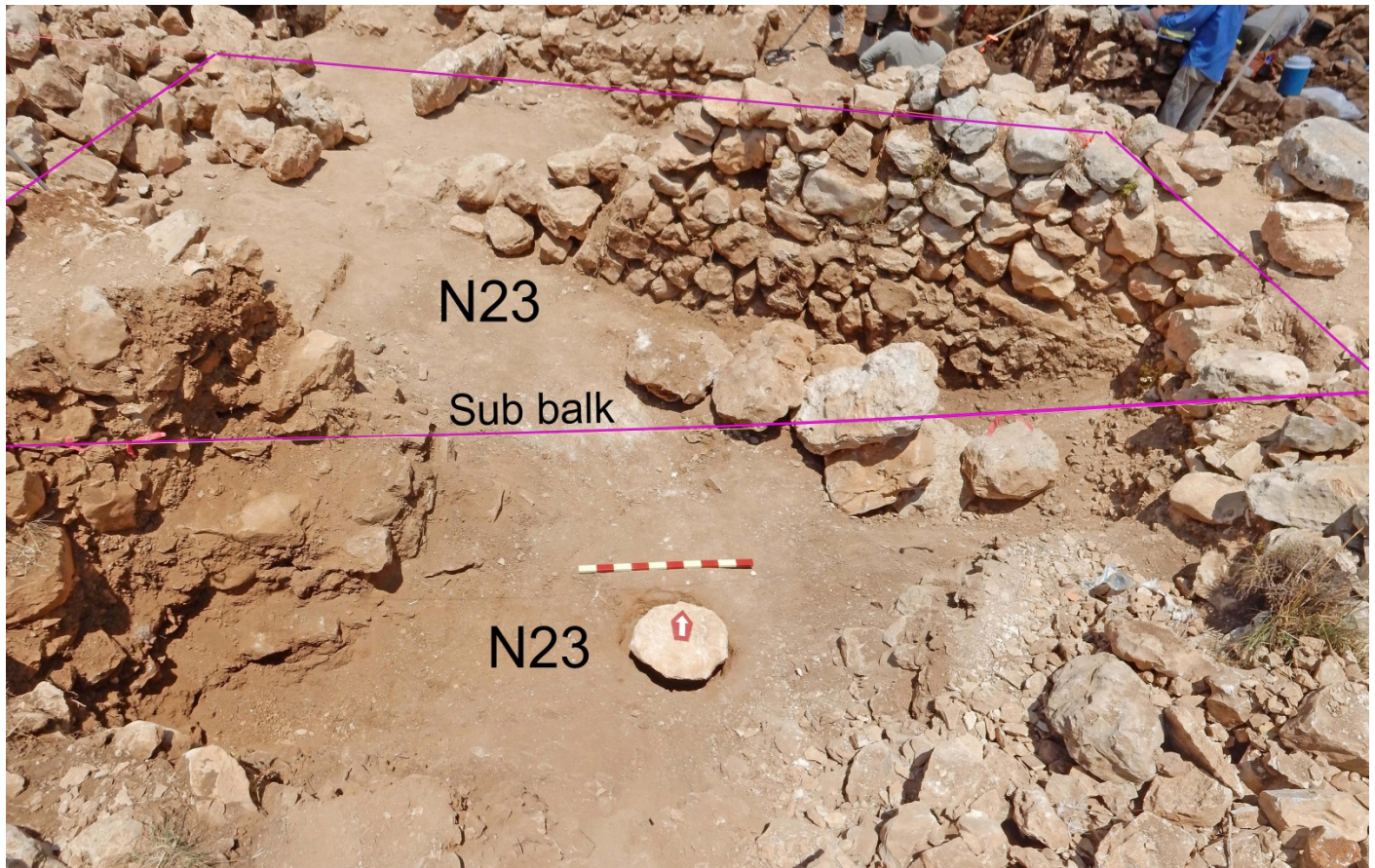


Figure 15: Final Square N23 photo (photo by Steven Rudd).

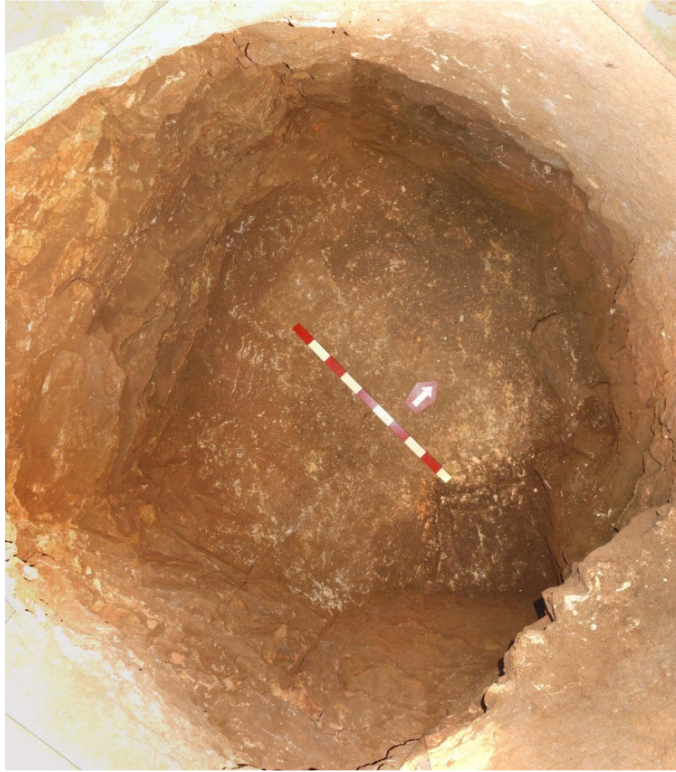


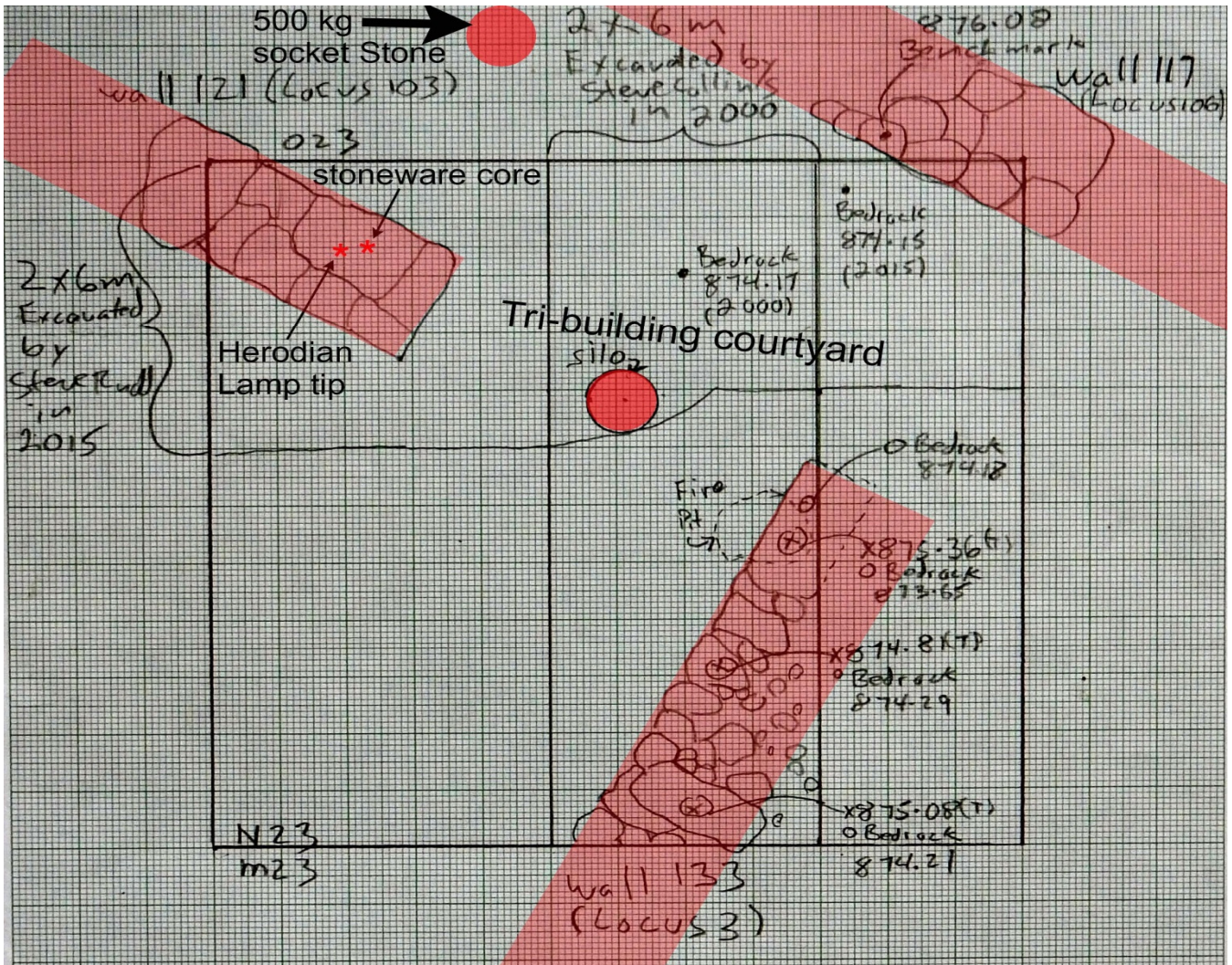
Figure 16: Square N23 Silo; L.107 (photo by Steven Rudd).

Overview

The primary benchmark was 876.08 at location 35 in Square 023, on top of the highest rock of L.5/Wall 117. Vandals damaged the wall, but a section remained intact with a known elevation that became the benchmark for much of the entire site.

N23 was previously excavated June 6-13, 2000 when a 1 m probe running north/south a full 6 m was dug to bedrock. A section of Wall 133 (L.3) was uncovered which was 1 m wide x 4 m long running NE to SW, 1-4 courses. Under this wall, a fire pit was found. A silo was also previously excavated. Only one object was found in the 2000 season: a fragment of a sling stone. Pottery ranged from BA through ER. During the 2000 season, Early Roman pottery was consistently misidentified as Byzantine pottery.

A 2 m E/W trench was excavated running the full width of the north section of the square to clarify Wall 117 (L.106 in N23). Locus sheets 1-6 are from the 2000 season, and locus sheets 101-108 are from 2015 season. There are areas of partial and complete overlap in excavation between the two seasons. A silo, L.4, was excavated again in 2015 as L.107. Bedrock elevations from 2000 were almost exactly identical to those from 2015.



Interpretations and recommendations: The 1 m wall (Wall 133=L.3) gives important new

Figure 17: Top plan of proposed tri-caenaculum.

information about the first century city. There are now three 1 m walls that converge without touching each other in squares O23/N23. These 1 m walls represent the outside of a single building as opposed to .5 m walls being interior. What had been previously interpreted (tentatively) as a gate to the outside proved to be a door between two buildings. The silo found in N23 in the middle of the intersection of where the three walls would have joined, indicates this may have been a communal storage silo accessed from perhaps three different buildings. This tri-caenaculum area, therefore, may have been an internal courtyard that served three families.

Perhaps the most important find this year was the Herodian lamp tip found inside Wall 104 (L.103) that dates the construction of the 1 m wall to no earlier than 31 BC. Another Herodian lamp tip of the same type was found a few feet away inside Wall 117 of O23. These two objects were found in the same season inside walls of identical construction and size (1 m wide).

Suggested time of construction of Walls 117 and 104

The following information gives clues as to when the first century village was constructed:

1. Two Herodian lamp tips date the construction of Walls 117 and 104 no earlier than 31 BC.
2. Clear evidence that an existing .5m wall in 023 was "remodeled" or bricked in at a time after it was constructed.
3. Clear evidence that the stairs that lead down from square 023 into P22 (discovered in 023 in 2015) were repurposed since a .5 m wall was placed over top of the opening of the stairs.
4. Earthquake in 31 BC.

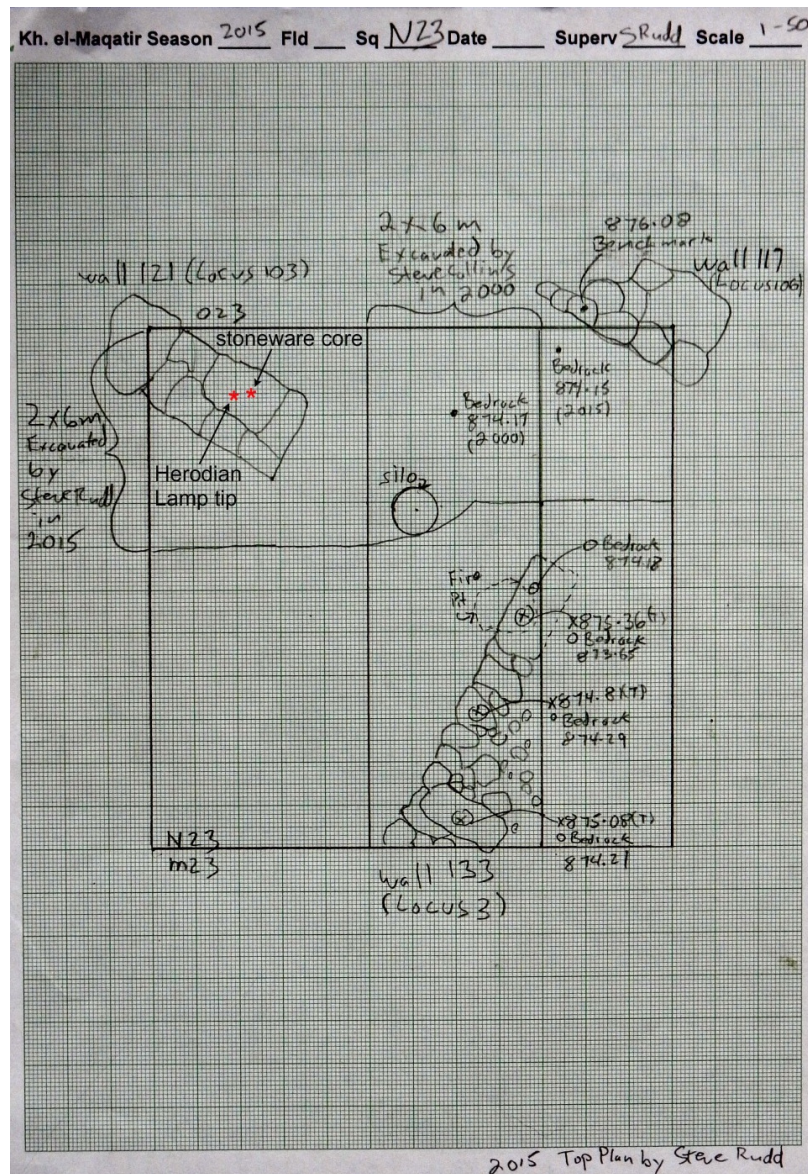


Figure 18: Square N23 Top Plan.

N23 needs to be fully excavated, especially in the SW quadrant. Excavating N24 directly adjacent to N23 to the east, would bring great clarity to the proposed tri-caenaculum. It would be helpful to

continue excavating south into square M23 since Wall 133 runs directly through the middle of M23. It is clear that the village continues in N24 and M23 and new walls will likely be found there.

N23 Loci Details

4a. Earth Locus - Locus 4a was the top level of fill in the silo (L.4 from season 2000). Top elevation was 873.35, and bottom elevation was 872.70. Above L.4a to surface was an empty cavity.

7. Earth Locus - Earth L.0 had no paper work and appeared to be either the surface debris or the first 10 -20 cm below the surface. Pottery pails 1-5 were logged as L.0.

8. Earth Locus - A trench was excavated running N/S, location 3/4 to 33/34, from surface to top of L.2. Top elevation was 878.56, and bottom elevation was 874.22. Munsell reading was 7.5 YR 4/3.

9. Earth Locus – This was the area below L.1 down to bedrock. Top elevation was 874.26, and bottom elevation was 874.17. Munsell reading was 7.5 YR 4/4.

10. Architectural Locus - A 1 m wide wall (Wall 133) was discovered lying on bedrock with 1-4 clear courses of stone that ran 4 m in length. The highest stones were 875.36 at location 23; 874.81 at location 28, and 875.08 at location 34. Since bedrock readings were obtained below the wall, it appears the wall was entirely removed 2000.

11. Installation Locus - A silo was excavated at location 16. The surface entrance was .55 m wide and the internal width was about 1.5 m x 1.7 m square as opposed to the typical round shape of silos. The depth from surface bedrock to bottom was 2.14 m. L.4 = L 107.

12. Installation Locus - A .7 m diameter round fire pit was excavated below Wall 133 (L.3). The measurements were .7 diameter x .56m deep. This pit was carved into bedrock. Top elevation was 874.21, and bottom elevation was 873.65. 82. Sherds of ER pottery were found in this fire pit; 7 were diagnostic, and 3 were saved. This was a large amount of pottery for such a small area of about .21 m³.

13. Earth Locus – This was the earth inside silo (L.4) below L.4a down to bedrock. Top elevation was 872.70, and bottom elevation was 872.05. Munsell reading was 7.5 YR 4/4.

101. Earth Locus - Earth L.101 was the fill inside Wall 121 (L.103). Munsell reading was 7.5 YR 6/3.

102. Earth Locus - A 2 m x 6 m trench was opened in 2015, and this is the top level of earth at the start of the 2015 season, including large tumble from looting. Top elevation was 875.03, and bottom elevation was 874.33. Munsell reading was 7.5 YR 4/3.

103. Architectural Locus - A 1 m wall, Wall 104, at locations 1 and 8 was excavated that also runs through 023 and 022. It had 7 courses. Top elevation was 876.05, and bottom elevation was 874.35.

104. Earth Locus – L.104 was the earth on the south side of Wall 121 at locations 7, 13, and 14. Top elevation was 875.80; locus was not fully excavated to bedrock. Bedrock was 874.17m at nearby location 4. Munsell reading was 7.5 YR 4/4.

105. Earth Locus – L.105 was the earth below L.102 in the main area of the 2 m trench. Top elevation was 874.33, and bottom elevation was 874.08. Munsell reading was 7.5 YR 4/4.

106. Architectural Locus - A 1 m wall, Wall 117, at location 6 was excavated that also runs through 023. It had 10 courses. Top elevation was 876.08, and bottom was 874.08.

107. Installation Locus - A silo was uncovered in the center of the square. L.107 from the 2015 season equaled L.4 from the 2000 season. Only about 10 pails of dirt, a very small amount of pottery, and no objects were discovered. This was consistent with the fact it had already been excavated. Measurements taken in the 2000 and 2015 seasons match almost exactly.

108. Earth Locus – L.108 was the earth inside silo L.107. This earth was not significant since it obviously fell in after the silo was excavated in the 2000 season. There were 47 LH/ER sherds, including 7 diagnostics.

Objects for N23

Reg #	Description	Date	Locus	Pail
1904	Nail found on surface	27 May	101	101
1905	Stoneware core inside Wall 104	29 May	101	102
1978	Coin	29 May	102	102
1879	Architectural stone	29 May	102	102
2186	Coin	3 June	102	103
2232	Cap stone from silo	5 June	105	108

Pottery Pails for N23

Pail	Date	Locus	Reading	Saved
1	6 June 2000	Surface	1 MB III; 11 LH/ER; 6 Byz corrected to 6 ER	1
2	7 June 2000	Surface	10 LH/ER; 11 Byz corrected to 11 ER	5
3	7 June 2000	Surface	2 IA I; 25 LH/ER; 5 Byz corrected to 5 ER	4

Pail	Date	Locus	Reading	Saved
4	8 June 2000	Surface	16 LH/ER; 15 Byz corrected to 15 ER	12
5	8 June 2000	Surface	1 IA I; 16 LH/ER; 9 Byz corrected to 9 ER	5
6	9 June 2000	2	3 MBIII/LB I; 28 LH/ER; 35 Byz corrected to 35 ER	15
7	9 June 2000	1	2 IA I; 18 LH/ER; 11 Byz corrected to 11 ER	7
8	9 June 2000	1	5 MBIII/LBI; 7 LH/ER; 2 Byz corrected to 2 ER	3
9	9 June 2000	4a	1 MBIII/LBI; 2 LH/ER; 1 Byz corrected to 1 ER	1
10	12 June 2000	3	1 LH/ER	1
11	12 June 2000	4a	5 Byz corrected to 5 ER	3
12	12 June 2000	5	7 Byz corrected to 7 ER	3
13	12 June 2000	6	4 MBIII/LBI	3
14	13 June 2000	5	9 non-diagnostics: no reading	0
101	27 May	101	16 LH/ER	4
102	29 May	102	2 MBIII/LBI; 20 LH/ER	4
103	3 June	102	2 MBIII/LBI; 2 LB I; 2 IA I; 73 LH/ER	25
104	4 June	102	11 LH/ER	4
105	4 June	105	3 MBIII/LBI; 3 LB I refired; 15 LH/ER	1
106	4 June	106	2 MBIII/LBI; 2 LH/ER	0
107	4 June	104	1 LH/ER	0
108	5 June	105	1 IA I; 12 LH/ER	4
109	5 June	108	7 LH/ER	0
110	5 June	104	2 MBIII/LB I; 1 IA I; 1 LH/ER	7

Photographs for N23

Number	File name	Description
R-011	2015-06-05 R-011 N23 Silo	Silo L.107
R-012	2015-06-05 R-012 N23.jpg	Closing N23 2015

Square 023, 25 May - 3 June 2015 (Steven Rudd, Square Supervisor and Carlos Mora, Assistant Supervisor)

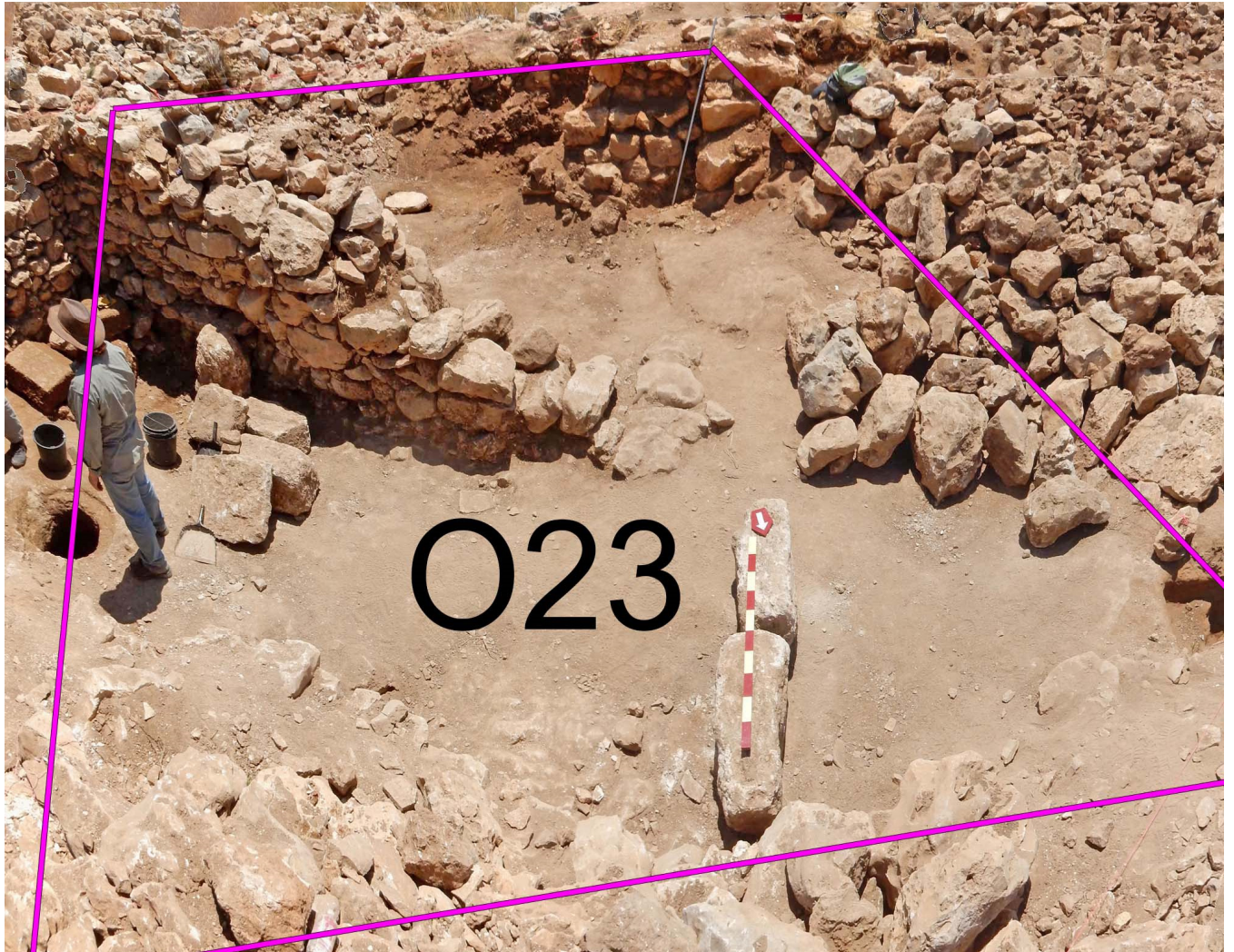


Figure 19: Final photo of Square 023 (photo by Steven Rudd).

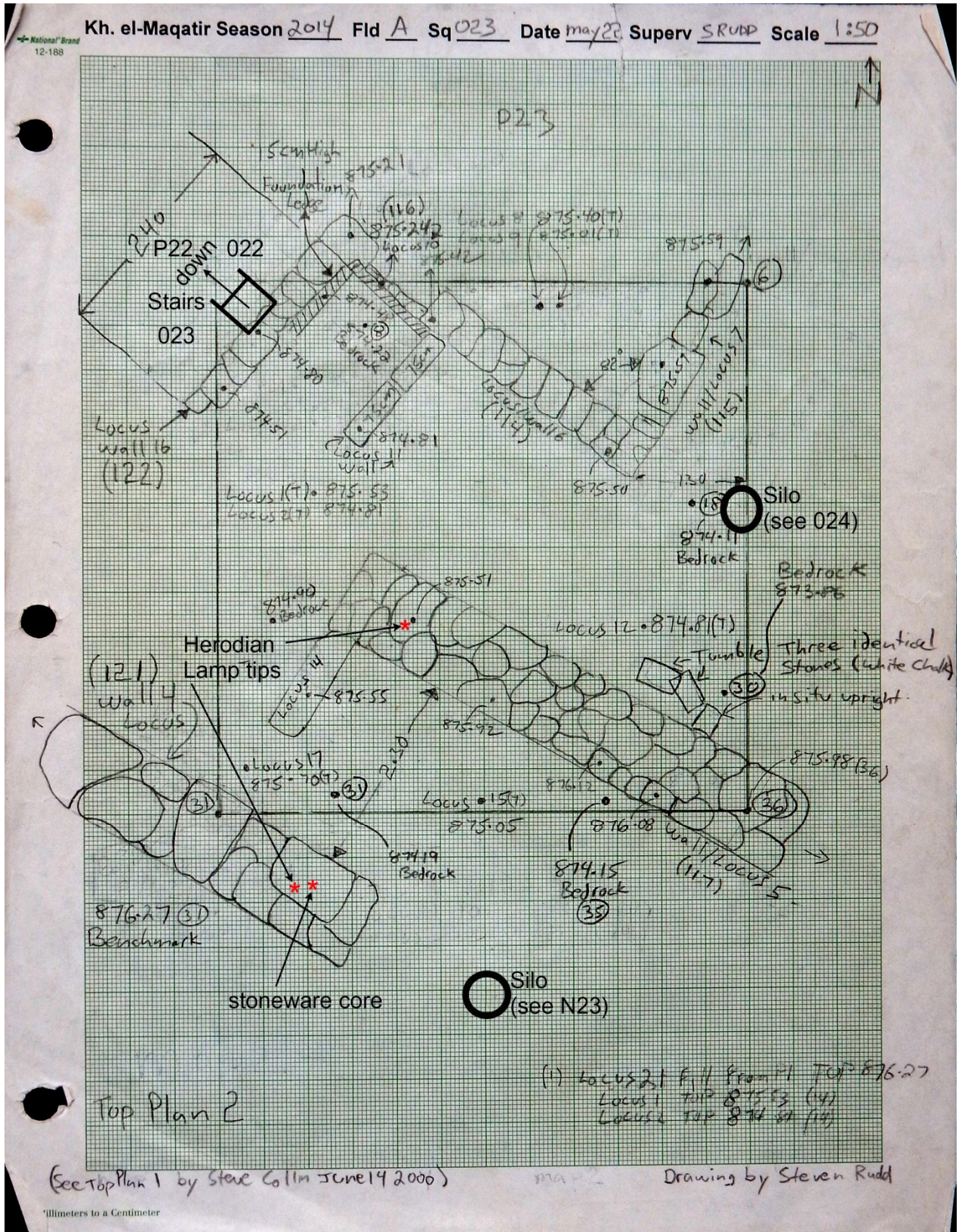


Figure 20: Square 023 Top Plan.

Overview

O23 was previously excavated in 2000 and 2014. Work continued in 2015 to clarify architectural structures of the first century city. Previous season loci are numbered 1-21. 2015 loci are numbered 22-27. However, work was continued in L.12 and L.15, wherein several objects were found in 2015. The square was fully excavated down to bedrock, except in L.22 at locations 6 and 12.

A silo was discovered where the .5m opening crossed the adjoining balk line between 023/024 and was excavated in 2015 as part of 024.

Interpretations

An important find was the Herodian lamp tip inside Wall 117 (L.5) that dates the construction of this 1 m wall to no earlier than 31 BC. Another Herodian lamp tip of the same type was found a few feet away inside Wall 121 (L.4) of N23 the same season.

What was interpreted in the 2014 excavation season as a "clear entrance with an *in situ* step laid between two 1 m wide walls" (117 and 133) is now known to be incorrect. However, the large 250 kg socket stone found at the end of Wall 133 would indicate that this was still an entrance with a door separating two distinct buildings of the first century village. It appears, from the combined top plan of O23/N23 that there was an intersection of three 1 m walls with a silo in a common area. This common area may have been the intersection point of three distinct buildings that used the silo jointly.



Figure 21: Possible socket stone beside Wall 133 (photo by Steven Rudd).

There was clear evidence that the stairs that led down from square 023 into P22 (discovered in 023 in 2015) were repurposed in AD 66 and taken out of use, since a .5 m wall (Wall 122) was placed over the opening of the stairs, obscuring the first step down into P22. Wall 122 may indicate that the stairs may have led to a possible water supply that was hidden in preparation for the First Jewish War. The strange "U" shaped installation also "bricked in" (L.10) a previous doorway opening in Wall 114 and possibly served some prominent purpose that may have distracted attention away from what was hidden "downstairs." This "downstairs" area in P22 remains under excavation and may yield some spectacular finds.

If Wall 122 was not built in AD 66, as suggested above, then the likely date would be 19/18 BC, when Herod built the Jerusalem temple. This second scenario would mean that whatever the stairs once led to in to P22 was no longer needed and was filled in. The bricked in area of L.10 was added later.

L.22 at locations 6 and 12 should be excavated down to bedrock. This is an artifact rich area that may yield some important finds. Considering the damage done by looters to the walls, perhaps a systematic deconstruction of walls 117 and 133 should be done to discover more artifacts located inside the wall at the time of their construction. This would further assist in dating the entire first century city.

023 Loci Details

- 1. Earth Locus** - This was the soil beneath the dump layer from P22 vandalism. There was a rich variety of objects and pottery from the LH/ER era. There were 6 pieces of burnt wood.
- 2. Earth Locus** - This locus was directly below L.1 but restricted to west of L.11. There was no apparent difference between L.1 and L.2. L.2 yielded lots of pottery and objects. Top elevation was 874.81, and bottom was 874.22 at location 2. The remainder of the locus was not excavated down to bedrock. A 250 kg socket stone with a 4 cm deep ring around the hole was discovered upside down next to Wall 117.
- 3. Architectural Locus** - This wall was misidentified in the 2000 season. With the levels used for the top of the stones, this was rejected as a wall because the stones were not found. There were some tumble stones at approximately the same levels that were recorded in the 2000 season, but these were removed. However, 20-40 cm below there was a row of rocks that were basically in the same line and location as indicated in the top plan for the 2000 season. Given possible variations in square placement, leveling or recording errors back in AD 2000, L.3 could equal L.16. However, L.3 was rejected as valid because it was based upon tumble stones that were above the actual wall.
- 4. Architectural Locus** - This wall was clearly seen running 15 m NW outside 023. It is 1 m wide x 1.9 m high and constructed of seven courses of bolder and chink. It was identical in construction with Wall 5, although clearly distinct from it. The benchmark was placed on top of this wall at location 31 at an elevation of 876.27 m. Only about 30 cm of this wall was inside the 023.

5. **Architectural Locus** - This 1 x 2 m high wall was constructed of bolder and chink and was seven courses high; it was never fully excavated on either side. However, bedrock was located just outside the NW end of the wall at an elevation of 874.90. A large amount of medium sized tumble (30 cm) was removed from beside the north side of the wall; some still remains.
6. **Architectural Locus** - This .5 m wide interior wall runs diagonally through the square (as do all the walls) for 4.9 m. It is bolder and chink construction, with 7 courses that reached a height of 1.6 m. On the north side, a foundation trench (L.18) was discovered and excavated to bedrock. The south side of the wall was not exposed down to bedrock. L.6 (Wall 114) intersected L.7 (wall 115) at an 82° angle. Although it appeared to have originally run about 5 m, there was an original doorway (L.10) that was bricked up with clearly smaller and distinct stone from the composition of the wall. This indicated a remodeling of the interior of the area. While this wall was bricked in, another door was built into an older wall (L.16=Wall 122) as it continued to run to the north in P23, just outside 023. One or two courses of large tumble stones were recovered from the south side of the wall and placed on top of *in situ* stones.
7. **Architectural Locus** - This .5 m wide, 2.2 m long interior wall was made of boulder and chink construction and stood 1.2 m high with 7 courses of stone. L.7 (Wall 115) intersected L.6 (Wall 114) at 82° and ran continuously to the north into P23 (and beyond) for another 5 m. There was a foundation trench (L.18) under this wall and L.6 (Wall 114). This could indicate that both walls were built at the same time. The east side of L.7 (Wall 115) was not fully excavated, but there were some sections that appeared to be construction of smaller stones, similar to those of L.10 (Wall 116).
8. **Earth Locus** - This locus corresponded to L.1, but on the north side of L.6 and L.7 (Walls 114 and 115). It was the top layer of dirt removed. Top elevation was 875.40, and bottom was 875.01. No objects were found. LH/ER pottery was found.
9. **Earth Locus** - L.9 was directly below L.8. One object, a sling stone, was found, along with LH/ER pottery. Top elevation was 875.01, and the bottom was never reached because the square was not finished.
10. **Architectural Locus** - This was a doorway in L.6 (Wall 114) that was bricked up after L.6 (Wall 114) was constructed. The stones used to brick up the doorway were smaller and clearly different from the stones in L.6 (Wall 114). The doorway of bricked in stones is 1.2 m long, 1 m high. L.6 (Wall 114) is .5 m wide, but the bricked in area was only .25 m wide. There was a foundation ledge of rocks laid under this wall that protrudes. This foundation ledge was also seen under L.16 (Wall 122).
11. **Architectural Locus** - This locus consisted of two almost identical stones .75 m long, .25 m wide and .50 m high. There was a 5 cm gap between the stones that are otherwise laid perpendicular to abutting L.6 (Wall 114). The top of the two stones is 874.81 m. Nearby, bedrock was 874.22. It was likely a threshold. Under the two stones, there was pottery. Although bedrock was only 10 cm below the stones, they did not scrape down to bedrock to create a solid foundation. This, coupled with the fact the stones may have been soft and

chalky when they were laid, may indicate that they were a small decorative wall to the house.

- 12. Earth Locus** - L.12 generally corresponded to L.2 but on the east side of L.11 out to the eastern edge of the square. Much pottery and many objects were found in this locus. Modern garbage was found at location 24 at elevation 874.80. The locus was not excavated down to bedrock, but objects were uncovered down to 874.35.
- 13. Earth Locus** - Looters dumped two cubic m of earth from the NW corner of O24 into the eastern end of O23. Some of the dirt did come from O23, but most came from O24. It was decided to create this locus until the original level was reached. One coin and 1/3 of a 14 inch circular basalt grinding table with a leg were found. At location 18, top elevation of the dump was 875.34 m; bottom was at L.12 at 874.81.
- 14. Architectural Locus** – This is an *in situ* step between the two 1 m wide walls, L.4 and L.5 (Walls 121 and 117). It was laid close to bedrock with dimensions approximately 1.2 m long x .33 m x .33 m. Dimensions are estimates based on photographs. The stone was exactly perpendicular between L.4 and L.5 (Walls 121 and 117) and still at perfect level. The large 250 kg socket stone (?) that was found tumbled at the stairs end of L.5 (Wall 117), indicated that the actual door was higher.
- 15. Earth Locus** - This section south of L.5 (Wall 117) and the southern balk line was not fully excavated, but it does appear that large rocks were in the past thrown into this area. These surface rocks were cleared, but no dirt was actually removed in preparation for next season. Top elevation was 875.05.
- 16. Architectural Locus** - At first appearance, this looked to be equal to L.3 (phantom wall). However, the size, shape, and level of the stones identified in 2000 did not match and were removed as tumble. Beneath these stones was a clear wall that continued from P23 into O23 (Wall 122=L.116). There was a foundation ledge of rock under this wall that protruded. This foundation ledge was also seen on L.10.
- 17. Earth Locus** - This locus was removed from on top of what was believed in 2014 to be stairs, but upon further excavation was determined to not be stairs. Top elevation was 875.70; bottom elevation was 874.19. A coin and a knife blade were found, but no pottery. This locus should reveal some interesting finds when it is excavated.
- 18. Installation Locus** - This was the foundation trench for L.6 and L.7 (Walls 114 and 115). It was 5.2 m long as it traced an "L" shape along the two walls. Only the northern side was excavated. The trench extends horizontally beyond the first course of stones about .25m. The trench will likely be visible as further excavations are done on the south side of L.6 and L.7 (Walls 114 and 115). Since the wall (Wall 114=L.6) was .5 m wide, it would make the trench a total of about .75 m wide. 2015 excavations determined that the foundation trench on the south side of Wall 114 (L.6) did not exist and since the east side of Wall 115 (L.7) was not excavated to bedrock in 2015 season. It is unknown if there is a foundation trench under Wall 115 (L.7).

- 19. Earth Locus** - This was the earth inside installation L.18, foundation trench. No pottery or objects were found. However, only the north side was excavated.
- 20. Earth Locus** - This was bedrock. Bedrock was reached at location 2 at an elevation of 874.22 and at location 25 at an elevation of 874.90. Ninety five percent of the square was not brought down to bedrock.
- 21. Earth Locus** - This was the material that was dumped into the square from P21. The top elevation in this area was 876.27 or .72 m higher than it was in 2000. The first day 42 pieces of diagnostic pottery were found, none of which were saved. The second day 131 pieces of diagnostic pottery were found, 17 of which were saved. Three coins were found in this dumped material.
- 22. Earth Locus** - This was the triangular shaped area at the NE corner of 023. It was not taken down to bedrock because adjoining square 024 was being excavated at a level about 50 cm higher and collapses would have occurred. This small area can be completed in the future.
- 23. Earth Locus** - L.23 is the 4-6 cm of hard packed, damp earth directly above bedrock. It was carefully excavated in search of BA pottery or scarabs, but to no avail.
- 24. Installation Locus** - A set of stairs 50 cm wide cut into bedrock at the NE corner of the square at location 1 was excavated. There were two clear steps that dropped 50 cm, then 30 cm down into a larger Installation Locus in P22. The top of the locus was at 814.25 M dropping down to 873.45.
- 25. Earth Locus** - L.25 was the soil inside the stairs (L.24). Munsell was 7.5 YR 5/3. A single sling stone was found.
- 26. Earth Locus** - L.26 is the central area to the east of the square where looters dumped dirt twice. After removing the interloping earth and stone from Wall 117 (L.5), the area was excavated down to bedrock. Top elevation was 874.42, and bedrock was 874.01. Munsell reading was 7.5 YR 4/3.
- 27. Earth Locus** - L.27 was the earth located inside Wall 117. Location 21 had top and bottom levels of 874.50 to 874.40. Location 28 had top and bottom elevations of 875.13 to 874.50. Munsell reading was 7.5 YR 4/3. A Herodian lamp tip was found in L.27 and can be used to date the construction of Wall 117 (L.5) to no earlier than 31 BC.

Objects for O23

Reg #	Description	Date	Locus	Pail
548	Small pounder	15 June 2000	1	3
1272	Coin	19 May 2014	21	5
1270	Coin	20 May	21	7
1271	Coin	20 May	21	7

Reg #	Description	Date	Locus	Pail
1274	Coin	20 May	1	7
1313	Sling stone	21 May	1	8
1316	Sling stone	21 May	1	8
1318	Stopper	21 May	1	8
1319	Grinder	21 May	1	8
1326	Hook	21 May	1	8
1328	Ring	21 May	1	8
1329	Makeup applicator	21 May	1	8
1340	Coin	21 May	1	18
1343	Coin	21 May	1	18
1358	Horseshoe nail	22 May	1	9
1375	Coin	22 May	1	9
1396	Opus Sectile?	22 May	1	9
1434	Coin	23 May	1	10
1459	Coin	26 May	1	13
1468	Grinder	26 May	15	13
1458	Coin	26 May	1	13
1461	Iron fragment	26 May	1	13
1516	Coin	27 May	2	15
1514	Coin	27 May	1	17
1513	Hook	27 May	1	17
1515	Coin	27 May	13	14
1716	Grinder	27 May	13	14
1517	Cult Leg?	27 May	1	13
1564	Coin	28 May	12	18
1615	Sling stone	28 May	9	19
1566	Coin	28 May	12	18
1568	Coin	28 May	12	18
1618	Pounder	28 May	12	18
1567	Coin	28 May	12	18
1563	Coin	28 May	12	18
1561	Coin	28 May	12	18
1565	Coin	28 May	12	18
1620	Grinder	29 May	12	18
1562	Ornamental carved stone	28 May	12	18
1628	Coin	29 May	2	20
1626	Coin	29 May	2	20
1627	Coin	29 May	2	20
1625	Coin	29 May	2	20
1629	Coin	29 May	2	20

Reg #	Description	Date	Locus	Pail
1709	Ring	30 May	2	21
1702	Nail	30 May	2	21
1710	Socket Stone (?) with possible olive press ring	30 May	2	21
1707	Coin	30 May	2	21
1708	Coin	30 May	2	21
1706	Coin	30 May	2	21
1705	Coin	30 May	2	21
1704	Coin	30 May	17	22
1703	Knife blade	30 May	17	22
1855	Jar stand	25 May	15	24
1857	Metal object	25 May	12	23
1858	Nail	25 May	15	24
1859	Coin	25 May	12	23
1861	Coin	25 May	12	23
1862	Grinder	25 May	12	23
1863	Grinder	25 May	12	23
1888	Coin	26 May	15	25
1946	Grinder	29 May	26	32
1947	Grinder	29 May	26	32
1950	Sling stone	29 May	25	30
1955	Inscribed/glyptic sherd	29 May	12	26
1956	Coin	29 May	15	25
1974	Coin	29 May	26	26
1975	Coin	29 May	21	26
1976	Coin	29 May	26	32
2020	Coin	1 June	15	35
2021	Spatula	1 June	2	33
2072	Coin	2 June	15	37
2073	Coin	2 June	26	36
2074	Coin	2 June	27	38

Pottery Pails for O23

Note: Pails 1-4 from 2000 season misread the LH/ER pottery for BYZ pottery.

Pail	Date	Locus	Reading	Saved
1	13 June 2000	1	2 Byz corrected to 2 ER	1
2	14 June 2000	1	6 LH/ER; 2 Byz corrected to 2 ER	3
3	15 June 2000	1	3 Byz corrected to 3 ER	1

Pail	Date	Locus	Reading	Saved
4	15 June 2000	2	5 LH/ER; 2 Byz corrected to 2 ER	3
5	19 May 2014	21	3 MBIII/LBI all refired; 1 IA I; 15 LH/ER	0
6	19 May 2014	21	5 LH/ER	0
7	20 May 2014	21	2 MBIII/LBI; 1 IA I; 84 LH/ER	17
8	21 May 2014	1	8 MBIII/LBI, 6 refired; 74 LH/ER	23
9	22 May 2014	1	3 MBIII/LBI, all refired; 53 LH/ER	10
10	23 May 2014	1	1 MBIII/LBI, refired; 9 LH/ER	2
11	23 May 2014	8	1 MBIII/LBI, refired; 9 LH/ER	2
12	23 May 2014	9	2 LH/ER	0
13	26 May 2014	1	2 MBIII/LBI; 1 IA I	10
14	27 May 2014	13	17 LH/ER	0
15	27 May 2014	2	2 LH/ER	0
16	28 May 2014	2	No pottery	0
17	27 May 2014	1	No pottery	0
18	28 May 2014	12	52 LH/ER	16
19	28 May 2014	9	No pottery	0
20	29 May 2014	2	3 IA I; 44 LH/ER	18
21	30 May 2014	2	75 LH/ER	22
22	30 May 2014	17	13 LH/ER	6
23	25 May	12	1 MBIII/LBI; 18 LH/ER	6
24	25 May	15	4 LH/ER	3
25	26 May	15	3 MBIII/LBI; 1 IA I; 53 LH/ER	0
26	27 May	12	23 LH/ER	12
27	27 May	23	4 LH/ER	0
28	Voided	-		0

Pail	Date	Locus	Reading	Saved
29	28 May	12	4 MBIII/LBI; 72 LH/ER	2
30	28 May	25	5 LH/ER	0
31	28 May	23	2 MBIII/LBI; 4 LH/ER	2
32	29 May	26	14 LH/ER	8
33	1 June	26	1 MBIII/LBI (one refired); 12 LH/ER	5
34	1 June	27	15 LH/ER	7
35	1 June	15	9 LH/ER	1
36	2 June	26	2 LH/ER	2
37	2 June	15	1 LB1b; 1 IA I; 110 LH/ER	32
38	2 June	27	8 LH/ER	5
39	3 June	22	No pottery	0

Photographs for O23

Number	File name	Description
R-009	2015-06-05 R-009 O23.jpg	End of season
R-008	2015-06-05 R-008 O24 O23 N23 P22.jpg	End of season panorama
R-019	2015-06-05 R-019 O23.jpg	End of season

Square O24, 25 May-12 June (Suzanne Lattimer, Square Supervisor and Andrew Kvasnica, Assistant Square Supervisor)

Overview

There were also some significant architectural and object finds in O24 including ten stoneware pieces, almost 60 coins, and a small column. Two perpendicular walls divided the square. A prominent window sill and window jamb sat next to one wall on the western side. Near this window was a likely head jamb (possibly the upper frame of the window) and two angled window sill stones, roughly .5 m in length. Between the window sill and the head jamb was a bell-shaped silo cut into bedrock and containing two similar stone weights. At a slightly further distance from the threshold, five roofing tiles of an imbrix style were recovered. The opposite side of O24 to the east had bedrock that sloped downward toward a shallow pit. A narrowing channel was cut through the lowest section of bedrock and coursed its way in a similar grade also down to the pit.



Figure 22: Square O24 Final Photo (photo by Michael C. Luddeni).

O24 Loci Details

1. Earth Locus – This locus was the disturbed topsoil with looter holes. Looting evidence, wide dug-out areas, was on ca. 50% surface area of this topsoil. The dug-out areas were ca. 4 m x 3.5 m to a depth of ca. .5 m in locations 9-12, 15-18, 20-24, and 26-30. Top elevation was 875.62, and bottom elevation was 874.98 at location 27. Munsell reading was 2.5 YR 5/3. Objects were varied from architectural items - a limestone pillar/column (Reg. 1851) and a head jamb (Reg. 1916) - to glass rims and a glass base, coins, metal tacks and nails, small bones, and a stoneware rim and base (Reg. 1875 & 1953). Pottery was primarily LH/ER, along with some IA I and MB III/LB I, with two refired pieces.

2. Architectural Locus – This locus was designated Wall 119. It ran in a NW to SE direction and was constructed of unhewn, dry-laid, un-faced small and medium limestone boulders in random boulder and chink style courses. The mortar consisted of dirt and pebble. The wall was excavated to bedrock. The top elevation of the wall was at location 21 where it stood to a height of 875.95 m resting on bedrock at level 874.25 m. At location 30, the lowest top elevation of the wall stood to a height of 874.94 m resting on bedrock at level 874.12 m. The greatest length of the wall was 5.3 m, width was .71-.73 m., and height was .8-1.7 m. It was below L.1, abutted L.3, sealed against by L.4, L.5, L.6, L.7, and L.16 and sat on L.21 (bedrock).

3. Architectural Locus – This locus designated Wall 120. It ran in a SW to NE direction and was of similar construction to Wall 119 (L.2). It stood on bedrock. The uppermost top elevation of the wall was at location 21 where the wall stood to a height of 876.03 m resting on bedrock at level 874.25 m. At location 4, the lowest top elevation of the wall stood to a height of 875.25 m resting on bedrock at level 874.25 m. The greatest length of the wall was 6.7 m, and width was consistent at .73 m, and height was 1-1.78 m. It was below L.1, partially over L.22, abutted by Wall 119 (L.2), L.8, and L.10, sealed against by L.4, L.5, L.6, L.7, L.9, L.11, L.12, and L.16 and sat on L.21.

4. Earth Locus – This was tumble with large cobbles on the west side of Wall 120 (L.3) and also included soil from an area on the east side of Wall 120 (L.3) and south of Wall 119 (L.2). The top level was 875.08 m at location 8 and 875.00 m at location 19. The bottom level was 874.75 m at location 13 (L.8). Munsell reading was 10 YR 5/3. It was under L.1, over L.6, L.8, L.9, L.11, L.12, L.13, L.14, L.15, and L.17; it sealed against Wall 120 (L.3) and L.10. Broken down red flakes that appeared to be surveyor flags from previous years' excavations were found throughout the soil in the upper .05 m in the area south of locations 19 and 20. Rodent tunneling was suspected. A nest with a concentrated amount of the red flakes and small pieces of torn cloth was located in a pocket .2 m wide and .15 m deep into the west face of Wall 120 (L.3) at location 31. Objects included a stoneware piece (Reg. 1936), a metal blade (Reg. 1937), and coins. Pottery was primarily LH/ER, along with some IA I, MB III/LB I, and LB Ib, with two refired pieces.

5. Earth Locus – This locus was tumble with large cobbles in the NE section of the square, east of Wall 120 (L.3) and north of Wall 119 (L.2). The top level was 875.04 at location 29 and 874.92 at location 11. The bottom level was 874.27 at location 29 and 874.23 at location 11. Munsell reading was 10 YR 5/3. This locus was under L.1, over L.16, L.18, L.19, L.20, L.21, L.22, and sealed against Wall 119 (L.2) and Wall 120 (L.3). Boulder concentration in locations 10, 11, and 17 were found and were thought to be tumble from Walls 119 and 120. Some of the objects included two stoneware pieces (Reg. 1935 & 2241) and coins. Pottery was primarily LH/ER, along with some IA I, LB Ib, LB I, and MB III/LB I, with six refired pieces.

6. Earth Locus – This locus was tumble with large cobbles in a small section about 1.5 m square south of Wall 119 (L.2) and east of Wall 120 (L.3). The top elevation was 875.15 at location 33. This locus was under L.1 and L.4. It was not completely excavated due to time constraints.

7. Earth Locus – This locus was equal to L.5. This new locus was assigned based on soil color change, which might have been due to the soil being moderately moist. Munsell readings were taken at the end of the first excavation day in this locus and were found to be the same as L.5. All other characteristics also remained the same between L.7 and L.5, so they were made equal loci.

8. Architectural Locus – This locus was a window sill. It was worked limestone, 1.32 m long, .45-.54 m wide, and .12-.18 m deep. It had two chiseled bowl-shaped areas. The larger had a diameter of .14 m and went to a depth of .06 m. The smaller had a diameter of .05 m and went to a depth of .03 m. The north side had a raised section .02 m higher than the south and was .20-.22 m wide to a length of .94 m west of the inner-western edge of L.10 (jamb). It sat on a layer of rocks ca. .15m above bedrock. The threshold was under L.1, L.4, and L.10, was sealed against by L.9 and L.12, and abutted to Wall 120 (L.3). A scale drawing was produced, along with L.10 (jamb).

9. Earth Locus – This locus designated at and below threshold level of the NW section of the square, west of Wall 120 (L.3) and north of L.8 (threshold). The top level was 874.75 at location 13, and the bottom level was 874.48 at location 8, 874.32 at location 3, 874.45 at location 1, 874.51 at location 7, and 874.34 at location 14 due to an undulating rock layer (L.11) across the locus. Munsell reading was 10 YR 4/4. This locus was under L.1 and L.4, over L.11, and sealed against L.3 (Wall 120), L.8 (threshold), and L.12. Some objects here included a toga pin (Reg. 2076), a hook (Reg. 2075), four roofing tiles (imbrix style), and coins. Pottery was primarily LH/ER along with some IA I, LB Ib, and MB III/LB I, with one refired piece.

10. Architectural Locus – This locus was a window jamb, made of worked limestone, .84-.86 m in height, .46 m at the greatest length (north to south), and .18-.26 m in width (east to west). It had two chiseled bowl-shaped areas. The larger was a half-bowl shape and had a diameter of .1 m, went to a depth of .08 m, and was located at the base of the jamb flat against the surface of L.8 (threshold). The smaller had a horizontal diameter of .07 m and a vertical diameter of .08 m, went to a depth of .06 m, and was located near the upper edge of the jamb. There was a raised section on the north side of the jamb. It was .06 m further out than the south side, was .19 m wide, and extended the full height of the jamb. The jamb was under L.1, over L.8 (threshold), sealed against by L.4, and abutted to Wall 120 (L.3). A scale drawing was produced, along with L.8 (threshold).

11. Earth Locus – This locus was an undulating rock layer of the NW section of the square, west of Wall 120 (L.3) and north of L.8 (threshold). Top level was 874.48 at level 8, 874.32 at level 3, 874.45 at location 1, 874.51 at location 7, and 874.34 m at location 14. This locus was not completely excavated due to time constraints. Munsell reading was 10 YR 4/4. Soil was moderately loose, slightly moist, and included no pebbles or cobbles, and one boulder per basket as the locus was a complete layer of boulders across the surface. Some of those boulders appeared to be bedrock, and others could be shifted around. Future excavations could reveal what is under this rock layer. The locus was under L.1, L.4, and L.9 and sealed against Wall 120 (L.3). Some objects here included a roofing tile (imbrix style) and two coins. Pottery was all LH/ER, mixed with EB body sherds.

12. Earth Locus – This was the soil below the threshold level of the SW section of the square, west of Wall 120 (L.3) and south of L.8 (threshold). Top level was 874.75 at location 20. The bottom elevation was bedrock at 874.23 at location 19, 874.13 at location 26, and 873.99 at location 31. Munsell reading was 10 YR 6/3. This locus was under L.1 and L.4, was over L.13 (silo) and L.14, and sealed against Wall 120 (L.3), L.8 (threshold), and L.9. Some objects here included stoneware pieces (Reg. 2155 & 2189), two similarly worked stones thought to be window sill stones left in the field (Reg. 2200 & 2311), a ring (Reg. 2305), and coins. Pottery was all LH/ER, with the exception of one LB Ib refired piece.

13. Installation Locus – This locus was a silo dug into the bedrock. It was between locations 13 and 19, and its opening was ca. 60% in square O24 with the remaining part in square O23. The rim elevation was 874.05 at location 19, and the bottom elevation was 872.20. The depth of the silo from rim to base was 1.85 m. A square stone was found placed over the silo. There was a circular rim outside the silo opening that varied from .04-.11 m from the opening of the silo. The diameter of the silo opening was .45 m and the neck of the silo was chiseled out to a depth of .28 m below the rim. Below the neck, the silo angled out evenly in a bell shape to a circular base with a diameter of 1.6 m (north to south) and 1.75 m (west to east). This locus was under L.1, L.4, and L.12, and filled with L.14, L.15, and L.17.

14. Earth Locus – This was the soil in L.13 (silo). Top elevation was 873.25 (which was .8 m below the rim), and the bottom elevation was 872.70. Munsell reading was 10 YR 3/4. Soil was slightly crumbly, moderately moist, and was finely sifted, including no rock. The locus was under L.1, L.4, and L.12, was over L.15, and sealed against L.13 (silo). All objects were coins with the exception of one flint (Reg. 2251) and one weight stone (Reg. 2242). Pottery was primarily LH/ER with three LB Ib refired pieces.

15. Earth Locus – This locus consisted of cobbles with soil in L.13 (silo). Top elevation was 872.70, and bottom elevation was 872.20. Munsell reading was 10 YR 4/4. The center soil had indefinite boundaries with a Munsell reading of 7.5 YR 4/6. There was a mound of soil in the center and different soil had sifted down the side over time. Soil was slightly crumbly, moderately moist, had small pieces of ash throughout, and included no pebbles, one cobble, and no boulders per basket. This locus was under L.1, L.4, L.12, and L.14 and sealed against L.13 (silo). Some objects were a possible fragment of a stone pendant (Reg. 2306), coins, flint points, stoneware (Reg. 2378), an engraved weight stone (Reg. 2333), glassware, and a roofing tile (imbrix style). Pottery was all LH/ER with the exception of two possible Byzantine pieces.

16. Earth Locus – This was the soil layer below tumble (L.5/7) in the NE section of the square, east of Wall 120 (L.3) and north of Wall 119 (L.2). The top elevation was 874.05 at location 16, 874.25 at location 4, and also 874.25 at location 24. The bottom elevation was at bedrock at 874.25 at location 21, 874.12 at location 30, 874.16 at location 17, and 873.97 at location 12. Munsell reading was 10 YR 5/4. This locus was under L.1, L.5, and L.7, was over L.18, L.19, L.20, L.21 (bedrock), and L.22, and sealed against Wall 119 (L.2) and Wall 120 (L.3). Two nearly identical modern clothing buttons embedded with soil were found in this locus at separate locations. Objects included a stoneware piece (Reg. 2356), coins, and a sling stone (Reg. 2358). Pottery was primarily LH/ER, few possible Byzantine sherds, and IA I, LB Ib, and MB III/LB I.

17. Earth Locus – This was the combined mixed loci of L.14 and L.15 from L.13 (silo). The soil was placed back into the silo after sifting. Two additional coins were found, as well as pottery, including LH/ER pottery and two LB Ib refired pieces.

18. Earth Locus – This was the soil filling a bedrock channel that traversed under Wall 120 (L.3) to L.19 (pit). Top elevation was 874.03 at location 16 (north side), 874.13 at location 16 (south side), and 874.01 at location 10. Bottom elevation was 873.75 at location 16 (south side), 873.95 at location 10, and 873.88 at location 11. Munsell reading was 10 YR 4/3. Soil was very loose, moderately dry, and randomly included pebbles. This locus was under L.1, Wall 120 (L.3) partially, L.5, L.7, and L.16. Locus 18 was over L.21 (bedrock) and sealed against L.22. Only one coin (Reg. 2446) and a sandal tack were found. Pottery included three pieces of LH/ER, one LB Ib, and one MB III/LB I.

19. Installation Locus – This locus was a pit chiseled into bedrock. It was completely filled with soil. The top elevation (rim) of the pit was 874.06, and the bottom level was 873.33. The diameter of the opening was .6 m (north to south) and .52 m (west to east). This locus was under L.1, L.5, L.7, and L.16, was abutted by L.22, and filled with L.20.

20. Earth Locus – This was the soil from L.19 (pit). The top elevation was 874.06, and the bottom elevation was 873.33. Munsell reading was 10 YR 4/3. Soil began as very loose and moderately dry at the top level and progressively went to extremely hard and slightly moist at the bottom. The soil at the bottom was too hard to be excavated. There was no rock of any kind found. This locus was under L.1, L.5, L.7, and L.16 and sealed against L.19 (pit). No objects were found, and pottery included one IA I piece, and at a lower level, one LB Ib piece.

21. Bedrock – This locus had an undulating bedrock layer in the NE section of the square. The bedrock generally sloped downward from south to north to L.19 (pit). Elevations were 874.25 at

location 21, 874.12 at location 30, 874.16 at location 17, 873.97 at location 12, 874.06 at location 11, and the lowest point of 873.75 at location 16. There were rough bowl-shaped indentations ca. .15 m in diameter and .1 m deep at locations 23 and 16.

22. Installation Locus – This was a channel cut out of bedrock (L.21). The channel was oriented in a SW to NE direction. Elevations are on the associated drawing. The SW side originated under Wall 120 (L.3) and was at a depth of 873.75 m at location 16 (west side). The extent of this channel under Wall 120 was undetermined; however, it was excavated west under the wall to a wall depth of ca. .05 m. The channel had a gradual downward grade to the east and went from a level of 873.95 m at location 16 (east side) to 873.88 m at location 11, ca. .1 m from the edge of L.19 (pit) where the channel terminated. As the channel went to the east, it narrowed to a width of ca. .1 m (at the east side of location 16) to .05 m at location 11. This more narrow section maintained a depth of ca. .08-.14 m. Two ca. .04 m wide bedrock bridges spanned the north and south edges of this channel at location 11 and were separated by ca. .2 m of the channel. The channel terminated at the pit in a fan-shape ca. .2 m at its widest point. The north ridge of this channel was at level 874.01 m at location 10. A ridge of the southern section of the channel generally sloped downward to the east. The elevation of this ridge was 874.36 at location 16, 874.13 at location 16 (east side), and 874.06 at location 11 on the edge of L.19 (pit). There was a second ridge further south that was oriented in a west to NE direction and also generally sloped downward to the east. This ridge had elevations of 874.39 at location 16, 874.41 at location 17, and 874.16 at location 18. This locus was under L.1, Wall 120 (L.3), L.5, L.7, and L.16, cuts L.21 (bedrock), abutted L.19 (pit), and was filled by L.18.

Objects for O24

Reg #	Description	Date	Locus	Pail
1851	Column	25 May	1	1
1852	Glassware	25 May	1	1
1854	Coin	25 May	1	1
1873	Nail	26 May	1	2
1875	Stoneware	26 May	1	2
1880	Glassware	26 May	1	2
1881	Sandal tack	26 May	1	2
1882	Grinder	26 May	1	2
1891	Tack	26 May	1	2
1893	Knife blade	27 May	1	4
1907	Coin	26 May	1	2

Reg #	Description	Date	Locus	Pail
1909	Coin	26 May	1	2
1911	Coin	26 May	1	2
1913	Blade (flint)	27 May	1	4
1914	Blade (flint)	27 May	1	4
1915	Glassware	27 May	1	4
1916	Head Jamb (window)	27 May	1	5
1917	Coin	26 May	1	2
1928	Coin	28 May	4	6
1934	Polishing Stone	28 May	4	6
1935	Stoneware	28 May	5	7
1936	Stoneware	28 May	4	6
1937	Blade	28 May	4	6
1948	Sling stone	29 May	4	8
1953	Stoneware	29 May	1	9
1963	Glassware	29 May	1	9
1981	Grinder	29 May	1	9
1993	Coin	29 May	4	8
2019	Stoneware	1 June	8	12
2028	Coin	1 June	4	10
2030	Coin	1 June	4	10
2039	Coin	1 June	7	11
2040	Coin	1 June	4	10
2044	Coin	1 June	4	10
2045	Coin	1 Jun	4	10
2075	Hook	2 June	9	13
2076	Toga Pin	2 June	9	13

Reg #	Description	Date	Locus	Pail
2088	Coin	2 June	9	13
2089	Coin	2 June	9	13
2090	Coin	2 June	9	13
2091	Coin	2 June	9	13
2092	Coin	2 June	9	13
2093	Coin	2 June	9	13
2120	Grinder	3 June	9	14
2121	Roof Tile	3 June	9	14
2122	Roof Tile	3 June	9	14
2123	Roof Tile	3 June	9	14
2151	Roof Tile	2 June	9	13
2155	Stoneware	4 June	12	16
2156	Nail	3 June	9	14
2157	Iron Object	4 June	11	15
2158	Iron Object	4 June	12	16
2159	Glassware	3 June	9	14
2160	Flint Tool	3 June	9	14
2161	Coin	4 June	12	16
2162	Coin	4 June	11	15
2163	Coin	3 June	9	14
2164	Coin	3 June	9	14
2165	Coin	3 June	9	14
2188	Roof Tile	4 June	11	15
2189	Stoneware	5 June	12	18
2200	Angled Stone	5 June	12	18
2201	Needle	5 June	5	20

Reg #	Description	Date	Locus	Pail
2209	Coin	5 June	5	20
2210	Coin	5 June	11	17
2211	Coin	5 June	14	19
2212	Coin	5 June	14	19
2213	Coin	5 June	14	19
2214	Coin	5 June	14	19
2215	Coin	5 June	14	19
2216	Coin	5 June	14	19
2217	Coin	5 June	14	19
2241	Stoneware	8 June	5	23
2242	Weight	8 June	14	21
2251	Flint	8 June	14	21
2269	Coin	8 June	15	22
2270	Coin	8 June	5	23
2271	Coin	8 June	14	21
2272	Coin	8 June	14	21
2273	Coin	8 June	14	21
2274	Coin	8 June	14	21
2275	Coin	8 June	14	21
2276	Coin	8 June	14	21
2277	Coin	8 June	14	21
2280	Grinder	8 June	5	23
2286	Sling stone	9 June	12	26
2299	Glassware	9 June	5	24
2303	Flint Point	9 June	15	25
2304	Flint Point	9 June	15	25